A. I. A. FILE No. 31f

THE PEAK of EFFICIENCY
SILV-A-KING
PRODUCTS

COMMERCIAL and INDUSTRIAL LIGHTING EQUIPMENT

CATALOG 38 NUMBER

Done file Mar. 3-38

BRIGHT LIGHT REFLECTOR CO., Inc.
BROOKLYN Established 1921 NEW YORK

A. I. A. FILE No. 31f

METAL & THERMIT CORPORATION

CARTERET, NEW JERSEY

July 31, 1935

Bright Light Reflector Co.,
Metropolitan and Morgan Aves.,
Brooklyn, New York.

Dear Sirs:-

We have made reflectivity tests on the two reflectors, which you recently sent to us, and which bear the Silv-A-King label.

The tests were made on a Ziess Reflectometer, using a day-light filter, and the average reflectivity of the white porcelain enamel was 81.3 per cent. The reflectivity at various points on the two reflectors was very uniform, being within 0.5 per cent.

Very truly yours

R. R. Danielson

Director of Research,
Ceramic Department.

RRD:S

MAR - 3 1938

THE PEAK of EFFICIENCY
SILV-A-KING
PRODUCTS

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BRIGHT LIGHT REFLECTOR CO., Inc.

BROOKLYN — NEW YORK

Sales Offices:

ATLANTA
BOSTON
CHICAGO
CLEVELAND
DALLAS
DETROIT
KANSAS CITY
LOS ANGELES
MINNEAPOLIS
PITTSBURGH
SAN FRANCISCO
ST. LOUIS

GENERAL INFORMATION

Listings

All listings in this catalog supersede previous listings on the same material, and are subject to change without notice.

Catalog Numbers

We urge the use of catalog numbers on all orders to facilitate prompt shipment and prevent mistakes.

Weights

The weights given in this catalog are not guaranteed but have been carefully checked from latest information, and are satisfactory for estimating purposes.

Routing

Please show on all orders whether goods should be shipped by freight or express, and the routing preferred. In the absence of instructions we will use our judgment as to the best routing.

Returned Goods

Material shipped as ordered will not be accepted for return without our permission, and will be subject to reasonable service charge.

Claims

All packing is done with great care and we cannot be held responsible for loss or damage to material in transit. Claims for loss or damage should be made to the transportation company immediately upon receipt of shipment and customer should require carrier's agent to acknowledge shortage or damage on delivery receipt. If promptly notified we will be glad to lend all possible assistance in securing adjustment of claims.

Claims for discrepancies must be made within ten days and must be accompanied by packing slip, or they will not be considered.

MINIMUM CHARGE — Owing to the cost of handling and billing small orders, our minimum invoice is $1.00 which charge will be made on orders which net less than that amount.

"The Peak of Efficiency"

The manufacturers of SILV-A-KING lighting equipment have endeavored, in their various manufacturing processes, to consistently produce equipment of the superior quality suggested by — "The Peak of Efficiency."

Let us consider the manufacture of porcelain enameled lighting equipment. Here, porcelain enamel is fused with iron at extremely high temperatures so that it may withstand a great many years of service. This process is the development of years of active research in the field of ceramic engineering. This, coupled with the use of "Armco" Ingot Iron, one of the finest metals known for the application of porcelain enamel, and the use of porcelain frits of the best quality available, results in a product of unexcelled durability and efficiency.

In the manufacture of silver mirrored crystal glass reflectors, the same superior quality is maintained. Here our own silvering process enables us to apply pure silver to crystal clear glass so that a reflecting surface of unequalled efficiency is created. The silver used in this process has a chemical purity rating of 99.9% (U.S.P.). Having applied a double strength coat of this silver, we then immerse the reflector into two copper sulphate baths. This method of applying copper electrolytically creates a permanently sealed protection for the silver. To further insure the permanency of the protective covering, two coats of a specially prepared aluminum bronze are applied and double-baked to an extreme hardness which makes the outer surface of the reflector impregnable to common handling damages. Reflectors processed in this manner have a permanent efficiency and in this durability, the ultimate consumer receives greater value than can be obtained from any other type of reflector at the present time.

In the production of aluminum lighting equipment, the base metal consists of high grade, heavy gauge "Alcoa" aluminum. The various designs are spun and formed in our metal works plant and then subjected to an alumilite process. This is a means of anodically coating aluminum with electrolytes of patented composition, the purpose of which, as before, is to obtain a reflecting surface which is durable and efficient.

In addition to the rigid care in the selection of finishing processes, the latest machinery is used and ideal production conditions are maintained so as to guarantee a finished product that reaches "The Peak of Efficiency."

BRIGHT LIGHT REFLECTOR CO., Inc.

METROPOLITAN and MORGAN AVENUES

BROOKLYN, NEW YORK

A PARTIAL LIST OF USERS OF "SILV-A-KING" EQUIPMENT

ATHLETIC FIELDS – Recreational and Sport Arenas

Barton B. B. Stadium, W. Babylon, L. I. N. Y.
Dexter Park, Woodhaven, L. I. N. Y.
Greyhound Race Track, Fair Grounds, Wheeling, W. Va.
Griffin Football Field, Griffin, Ga.
Jackson Heights Kennel Club, Holmes Airport, Jackson Heights, L. I. N. Y.
Jamaica Race Track, Jamaica, L. I. N. Y.
Lakeside Tennis & Handball Courts, Baldwin, L. I. N. Y.
Madison Square Garden, New York City, N. Y.
Madison Square Garden Bowl, Long Island City, N. Y.
National Skee Ball Company, Coney Island, N. Y.
Radio City Bowling Alleys, New York City, N. Y.
Wal-Cliffe Rollerdrome, Elmont, L. I., N. Y.
Yankee Stadium, New York City, N. Y.

CHAIN STORES

Atlantic & Pacific Tea Company
Baker Shoe Stores
Barricini Candy Shops
Best Drug Stores
"Big Ben" Food Markets
"Big Bear" Food Markets
Bohack, H. C. Co., Inc.
Cannon Shoe Stores
Cushman's Sons, Inc.
Douglas, W. L. Shoe Co.
"Enna-Jettick" Shoe Co.
I. J. Fox
"Friendly Five" Shoe Co.
"Juluis Grossman" Shoe Corp.
"Kent" Stores, Inc.
"King Kullen" Food Markets
"Kitty Kelly" Shoe Stores
Kurtz, J. & Sons
Lerner Stores Corp.
"Lightning" Auto Stores, Inc.
"Loft," Inc.
Michaels, J. Furniture Co.
"Miles" Shoes, Inc.
"Nedick" Stores, Inc.
"O. K." Grocery Co.
Pennsylvania Drug Co.
Pennsylvania State Liquor Stores
Personal Finance Corp.
"Piggly Wiggly" Stores
"Polly Perry" Stores
Ralph's Grocery Co.
Reylass Chain Stores
"Red Cross" Shoe Shops
"Regal" Shoe Co.

CHAIN STORES – Cont.

"Rexall" Drug Stores
Ruby Lane Stores, Inc.
Rudley's Stores
Safeway Stores, Inc.
"Sandy Andy" Auto Supply Stores
Seedman Auto Supply Stores
Sentry Auto Supply Stores
Singer Sewing Machine Co.
Steuben Taverns, Inc.
Strauss Stores Corp.
Thrifty Drug Co.
Times Square Auto Stores Corp.
Uneeda Credit Clothing Stores, Inc.
"White Castle" System, Inc.
Womrath Libraries, Inc.

DEPARTMENT STORES

Adam & Co., J. N., Buffalo, N. Y.
Altman & Co., B. New York City, N. Y.
Armour & Co., Tifton, Ga.
Bloomingdale's, New York City, N. Y.
Denver Dry Goods Co., Denver, Colo.
Dornbush Dept. Store, Inc., Jamaica, L. I.
Flushing Dept. Store, Flushing, L. I.
Franklin-Simon & Co., New York City, N. Y.
Hengerer Co., the Wm., Buffalo, N. Y.
Hub Dept. Store, Bassett, Va.
Leifer's Dept. Store, Jamaica, L. I.
Lord & Taylor, New York City, N. Y.
McCreery, James, New York City, N. Y.
Namm Store The, Brooklyn, N. Y.

GASOLINE STATIONS

American Oil Co.
American Refining Co., Inc.
Pennzoil Co., Inc.
Pure Oil Co., The
Richfield Oil Corp.
Shell-Eastern Petroleum Products, Inc.
Sinclair Refining Co.
Socony-Vacuum Oil Co., Inc.
Standard Oil Co. of N. J.
Sun Oil Co.
Texas Co., The
Tide Water Oil Co.
Warner-Quinlan Co.

GOVERNMENT

Brooklyn Navy Yard, Brooklyn, N. Y.
Naval Training Station, Newport News, Va.
Panama Canal (WPA project) Canal Zone

A PARTIAL LIST OF USERS OF "SILV-A-KING" EQUIPMENT

GOVERNMENT – Cont.

Philadelphia Navy Yard, Philadelphia, Pa.
U. S. Marine Barracks, Quantico, Va.
U. S. Military Academy, West Point, N. Y.
U. S. Naval Academy, Annapolis, Md.
U. S. Post Offices: Bridgeton, N. J.; Chicago, Ill.; Englewood, N. J.; Newark, N. J.; Pittsburgh, Pa.
U. S. Parcel Post Bldgs.; Detroit, Mich.; N. Y., N. Y.

HOSPITALS

Central Islip State Hospital, Central Islip, L. I. N. Y.
Creedmoor State Hospital, Creedmoor, L. I. N. Y.
Florence Hospital, Atlanta, Ga.
Gowanda State Homapatica, Helmuth, N. Y.
Kings Park State Hospital, Kings Park, L. I. N. Y.
Meadow Brook Hospital, East Meadow Brook, L. I. N. Y.
Middletown State Hospital, Middletown, N. Y.
Morristown Tubercular Hospital, Morristown, N. Y.
N. Y. State Institute of Applied Horiculture
Pennsylvania State Armory, Harrisburg, Pa.
Pilgrim State Hospital, Brentwood, N. Y.
Rochester State Hospital, Rochester, N. Y.

INDUSTRIALS

Allied Industries, Detroit, Mich.
Alpha Claude Neon Corp., Pittsburgh, Pa.
American Rolling Mill Co., Middletown, Ohio
American Sheet & Tin Plate Co., Pittsburgh, Pa.
Arma Engineering Co., Brooklyn, N. Y.
Bilt-Rite Baby Carriage Co., Brooklyn, N. Y.
E. W. Bliss Co., Brooklyn, N. Y.
Briggs Mfg. Co., Detroit, Mich.
Bulova Watch Co., Long Island City, N. Y.
Burton-Dixie Corp., Brooklyn, N. Y.
Carnegie-Illinois Steel Co., Gary Ind.
Consolidated Lithograph Corp., Brooklyn, N. Y.
Diamond "T" Truck Co., Long Island City, N. Y.
Eagle Manufacturing Co., Brooklyn, N. Y.
Electro-Chemical Eng. Co., Inc., Bronx, N. Y.
Etched Products Corp., Long Island City, N. Y.
Fisher Body Co., Detroit, Mich.
Fox Film Corp., Atlanta, Ga.
Fruehauf Trailer Co., Detroit, Mich.
General Bronze Corp., Long Island City, N.Y.
General Motors Corp., New York City, N. Y.
Georgetown Paper Co., Georgetown, S. C.
Hoffman, S. L. & Co., Brooklyn, N. Y.
Ideal Toy & Novelty Co., Long Island City, N. Y.
International Harvester Co., Chicago, Ill.
International Tailoring Co., New York City, N. Y.
Isalsy Dairy Co., Pittsburgh, Pa.
Jones & Laughlin Steel Corp., Long Island City, N. Y.

INDUSTRIALS – Cont.

Leviton Manufacturing Co., Brooklyn, N. Y.
Loft's, Inc., Long Island City, N. Y.
Loose-Wiles Biscuit Co., Long Island City, N. Y.
Mack-International Motor Truck Corp., L. I. City, N. Y.
Metal & Thermit Corp., Carteret, N. J.
Miller, I. Shoe Co., Long Island City, N. Y.
Murray Corp. or America, Detroit, Mich.
National Lead Co., Brooklyn, N. Y.
National Meter Co., Brooklyn, N. Y.
N. Y. Curb Exchange, New York City, N. Y.
N. Y. Times, New York City, N. Y.
Norge Refrigerator, Inc., Muskegon, Mich.
Oakite Products, Inc., New York City, N. Y.
Owens Illinois Glass Co., Toledo, Ohio
Paragon Paint Co., Long Island City, N. Y.
Paramount Studios, Long Island City, N. Y.
Pilot Radio Corp., Long Island City, N. Y.
Pittsburgh Plate Glass Co., Brooklyn, N. Y.
Ronzoni Macaroni Co., Long Island City, N. Y.
Sheppard, C. E. Co., Long Island City, N. Y.
Smith, Alexander & Sons Carpet Wks., Yonkers, N. Y.
Spalding, A. G. & Bros., New York City, N. Y.
United Metal Box Co., Brooklyn, N. Y.
United States Printing & Lithographing Co.,Bklyn, N.Y.
Victor Brewing Co., Jeannette, Pa.
Vitaphone Corp., Brooklyn, N. Y.
Ward Baking Co., New York City, N. Y.
Warner Bros. Pictures, Inc., Brooklyn, N. Y.
West Disinfecting Co., Long Island City, N. Y.

MUNICIPAL

Bayside High School, Bayside, L. I. N. Y.
Bedford Reformatory, Bedford Hills, N. Y.
Bronx Continuation School, Bronx, N. Y.
Bronx Terminal Market, Bronx, N. Y.
City of Ft. Laudersdale, Ft. Laudersdale, Fla.
Samuel Gompers High School, Bronx, N. Y.
Negro Central High School, Morgantown, W. Va.
Randalls Island Stadium, Randalls Island, N. Y.
Rikers Island
Staten Island Vocational School
Williamsburg Continuation School, Brooklyn, N. Y.

RAILROADS AND BUS LINES

Brooklyn Eastern District Terminal
Central Railroad of New Jersey
Erie Railroad
Greyhound Bus Lines
Long Island Bus Terminal
Pennsylvania Railroad

ILLUMINATION TERMS

ABSORPTION: The loss occurring when light traverses a designated medium or reflects from a designated surface. The ratio of the absorption to the incident light is called *Absorption Factor*. For any surface or medium, *Absorption* plus *Transmission* plus *Reflection*=Incident Light. For any surface or medium *Absorption Factor* plus *Reflection Factor* plus *Transmission Factor*=1.00.

BRIGHTNESS: The degree of brilliancy of any part of a surface or medium, when viewed from a designated direction. It is measured by the ratio of the candlepower emitted in that direction, to the area as projected in that direction (i.e. the apparent area as seen from that direction). It may also be expressed in lumens per unit of area of a perfectly diffusing surface of equal brightness. Since most surfaces or mediums are not perfectly diffusing, the brightness varies with the point of view. In all ordinary cases brightness is independent of the distance of observation.

The common units of brightness and their relation is as follows:

1 *Candle per Square Inch*=452 foot-lamberts
=.487 lamberts
=487 millilamberts.

1 *Foot-Lambert*=1 lumen per square foot reflected or emitted
=.00221 candles per square inch
=1.076 millilamberts.

1 *Lambert*=1 lumen per square centimeter reflected or emitted
=1000 millilamberts
=929 foot-lamberts
=2.054 candles per square inch.

1 *Millilambert*=.929 foot-lamberts
=.002054 candles per square inch.

The candle per square inch and lambert are commonly used for high brightness such as of light sources.

The foot-lambert and millilambert for ordinary illuminated surfaces.

The foot-lambert=incident footcandles×reflection factor, assuming a diffusing surface or medium.

Brightness is assuming more and more importance in planning for ability and comfort of seeing. Either extremely high brightness, or excessive contrast of brightness—high *Brightness Ratio*—is liable to cause glare. Very low brightness lessens ability to see.

CANDLE: The unit of luminous intensity in a designated direction from a point light source—i.e. one having small dimensions compared with the distance at which it is measured. The *International Candle* is the unit agreed upon by United States, Great Britain and France in 1909, it is .98 of the British Candle used in the United States before 1909.

COLOR OF LIGHT: *Average daylight* (Color Temperature approximately 6000°) is scientifically taken as the standard of white light, though daylight itself is subject to a variation due to position of the sun, state of cloudiness, reflection from buildings, foliage and, indoors, room finishes. *North skylight* is more blue than average daylight, and has been used as a standard in dyeing and other color work because less subject to variation, although average daylight would be more representative of conditions of use. *Direct sunlight* is always yellow tinted and when the sun is near the horizon decidedly yellow tinted. *Incandescent light* is yellow tinted, the more efficient lamps producing the closer approximation to daylight.

DIFFUSION: A scattering of light rays, so as to cross each other, as opposed to regular radiation of light from a point source. Diffusion may be introduced by reflection from a matte surface or transmission through a frosted or opal glass. This tends to enlarge the image of the light source (e.g. lamp filament) reducing its brightness and breaking up its outline.

DISTRIBUTION OF ILLUMINATION: The manner in which the footcandles of illumination vary over a specified area (e.g., the horizontal working plane—30 inches or 36 inches above the floor). Even distribution occurs when there is relatively little variation. Spotty distribution refers to extreme variation. In an artistic interior a certain amount of variation is usually desirable.

DISTRIBUTION OF LIGHT: For a light source or complete luminaire, refers to the candlepower emitted in various directions. For most illuminants, the candlepower is substantially equal in all directions about the vertical axis. For such Symmetrical Distribution it is customary to plot polar curves of which the radius representing any angle of elevation is proportional to the candles toward that elevation.

EFFICIENCY: For electric lamps or luminaires, the lumen output per watt of power supplied. For lamps requiring power consuming regulators or ballasts, a distinction should be made between the efficiency of the lamp proper and the lower *over-all efficiency* of the practical lighting equipment. For reflectors, globes and other accessories used with an incandescent lamp or other lamp, the efficiency is the ratio of the lumens delivered by the accessory to the total light of the lamp, expressed as a percentage.

FLUX OF LIGHT: Light actually represents a flow of energy and its volume is treated scientifically as a time rate or flux. In practice, however, the rate of flow in artificial lighting is usually considered constant and treated as a static condition. Flux is measured in lumens. (See Lumens.)

FOOTCANDLE: The unit of illumination and the measure of density of the light falling on any surface. It is equal to one lumen per square foot of area. When light from a point source falls perpendicularly on a plane—the illumination in footcandles on the plane is equal to the candles, emitted by the source in that direction, divided by the square of the distance in feet. Footcandles at any point on a plane can be measured by the Light Meter.

The LUX is the unit of illumination commonly used in countries employing the metric system. 1 F.C.=10.76 Lux. (See also Lumen.)

GLARE: A condition of lighting in which part of the light interferes with seeing, causes eyestrain or discomfort.

Common causes of glare are (1) viewing a brilliant light source, directly or by reflection, (2) high contrast of brightness, especially when trying to see in the field of lower brightness, (3) an excessive volume of light reaching the eyes.

LOUVER: A shield used in connection with a lamp or luminaire to intercept light traveling in undesirable directions, used for glare prevention, for accurate control or for other reasons.

LUMEN: The unit of luminous flux, equal to the light through a unit solid angle (Steradian) from a uniform point source of one candle. The application of the lumen is universal. It can express the total output of any light source, the output of a point source in any solid angle, the light received upon any area, light absorbed, reflected or transmitted.

Lumens=candles×Steradians=footcandles×square feet. The total output of a lamp=spherical candles×12.57. (The total solid angle about a point is 4×3.1416 or 12.57 Steradians.)

LUMINAIRE: A complete lighting equipment consisting of a light source together with its direct appurtenances such as globe, reflector, refractor, housing and such support as is integral with the housing. Designates completely equipped lighting fixtures, chandeliers, wall brackets, portable lamps and other units of which the prime function is the production of illumination.

PARABOLIC REFLECTOR: A reflector or mirror which has its reflecting surface in the form of a paraboloid. Possesses the property of reflecting the light from theoretical point source located at the focus with all rays parallel to the axis. In practice, high concentration can be obtained but the divergence of the beam will be proportioned to the angle subtended by the source in relation to the focal length of the reflector used. The spread is increased by moving the source away from the focal point.

REFLECTION FACTOR: The ratio of the light reflected by a designated surface or body, to the incident light. For surfaces having both diffuse and regular reflection it is the sum of the *Diffuse Reflection Factor* and *Regular Reflection Factor*. (See Absorption.)

TRANSMISSION FACTOR: The ratio of the light transmitted by a transparent or translucent medium (e.g. opal glass) to the light incident upon it.

Transmission may be regular or diffuse. The *Regular Transmission Factor* plus *Diffuse Transmission Factor*=Transmission Factor. (See Absorption.)

Section I

ILLUMINATION DESIGN DATA

PLANNING A GENERAL LIGHTING INSTALLATION

The Problem of Design for a Strictly General Lighting System Involves Five Principal Steps

I. DETERMINE FOOT-CANDLE LEVEL REQUIRED

II. CLASSIFY ROOM FOR ROOM CONDITIONS INDEX LETTER

III. DETERMINE SPACING AND MOUNTING HEIGHT OF EQUIPMENT TO PROVIDE FOR UNIFORM ILLUMINATION

IV. SELECT TYPE OF EQUIPMENT BEST SUITED FOR THE SOLUTION OF THE PROBLEM

V. COMPUTE THE LAMP SIZE NECESSARY TO PROVIDE THE FOOT-CANDLE LEVEL REQUIRED

I. – RECOMMENDED FOOT-CANDLE INTENSITIES

	FOOTCANDLES RECOMMENDED	
	Good Practice	Superior Practice
AISLES, STAIRWAYS, PASSAGEWAYS	5	15
ARMORIES—Drill Sheds and Exhibition Halls	10	25
ASSEMBLY:		
Rough	10	20
Medium	20	40
Fine	50*	100**
Extra Fine	100**	200**
AUDITORIUMS	5	25
AUTOMOBILE MANUFACTURING:		
Assembly Line	50*	100**
Frame Assembly	15	35
Body Manufacturing:		
Assembly	20	40
Finishing and Inspecting	100**	200**
AUTOMOBILE PARKING SPACES	1	5
BAKERIES	20	35
BOOK BINDING:		
Folding, Assembling, Pasting, etc.	10	25
Cutting, Punching and Stitching	20	40
Embossing	20	40

	FOOTCANDLES RECOMMENDED	
	Good Practice	Superior Practice
BREWERIES:		
Brew House	5	25
Boiling, Keg Washing and Filling	10	20
Bottling	15	30
BUILDING:		
Construction Work	5	15
Excavation	2	10
BUILDING EXTERIORS AND MONUMENTS—Floodlighted:		
Bright Surroundings—		
Light Surfaces	10	20
Dark Surfaces	20	40
Dark Surroundings—		
Light Surfaces	5	10
Dark Surfaces	10	20
BULLETIN AND POSTER BOARDS:		
Bright Surroundings—		
Light Surfaces	50	100
Dark Surfaces	100	200
Dark Surroundings—		
Light Surfaces	20	50
Dark Surfaces	50	100
CANDY MAKING	20	35
CANNING AND PRESERVING	20	35

I – RECOMMENDED FOOTCANDLE INTENSITIES *(continued)*

	FOOTCANDLES RECOMMENDED Good Practice	Superior Practice
CHEMICAL WORKS:		
Hand Furnaces, Boiling Tanks, Stationary and Gravity Crystallizers	5	15
Mechanical Driers, Evaporators, Filtration, Mechanical Crystallizers, Bleaching	10	25
Tanks for Cooking, Extractors, Percolators, Nitrators, Electrolytic cells	15	25
CHURCH WINDOWS (Art Glass)	20	200
CIRCUS:		
Seats	2	5
Arena	10	25
CLAY PRODUCTS AND CEMENTS:		
Grinding, Filter Presses, Kiln Rooms	5	15
Molding, Pressing, Cleaning and Trimming	10	25
Enameling	15	35
Color and Glazing	20	40
CLOTH PRODUCTS:		
Cutting, Inspecting, Sewing—		
Light Goods	20	40
Dark Goods	100**	200**
Pressing, Cloth Treading (Oil Cloth, etc.)—		
Light Goods	10	20
Dark Goods	20	40
COAL BREAKING AND WASHING, SCREENING	5	15
COAL YARDS—PROTECTIVE	2	5
CONSTRUCTION — INDOOR GENERAL	10	20
DAIRY PRODUCTS	20	40
DRAFTING ROOMS	30	50*
DREDGING	2	5
DRILL FIELDS	5	15
ELEVATORS—FREIGHT AND PASSENGER	10	20
ENGRAVING	100**	200**
FLAGS—FLOODLIGHTED	20	50
FORGE SHOPS AND WELDING	10	20
FOUNDRIES:		
Charging Floor, Tumbling, Cleaning, Pouring and Shaking Out	5	15
Rough Molding and Core Making	10	20
Fine Molding and Core Making	20	40
GARAGES—AUTOMOBILE:		
Storage—Live	10	20
Dead	2	5
Repair Department and Washing	30	50*
GASOLINE FILLING STATIONS:		
At Pumps	20	40
Yard and Driveways	5	15
GLASS WORKS:		
Mix and Furnace Rooms, Pressing and Lehr, Glass Blowing Machines	10	20
Grinding, Cutting Glass to Size, Silvering	20	40
Fine Grinding, Polishing, Beveling, Etching and Decorating	20	40
Inspection	30	.....
GLOVE MANUFACTURING:		
Light Goods—		
Cutting, Pressing, Knitting, Sorting	10	20
Stitching, Trimming and Inspecting	20	40
Dark Goods—		
Cutting, Pressing, Knitting, Sorting	20	40
Stitching, Trimming and Inspection	100**	200**
HANGERS—AEROPLANE:		
Storage—Life	10	25
Repair Department	30-50*	100**
HAT MANUFACTURING:		
Dyeing, Stiffening, Braiding, Cleaning and Refining—		
Light	10	20
Dark	20	40
Forming, Sizing, Pouncing, Flanging, Finishing and Ironing—		
Light	15	30
Dark	30	50*
Sewing—		
Light	20	50*
Dark	100**	200**
ICE MAKING—ENGINE AND COMPRESSOR ROOM	10	20
INSPECTION:		
Rough	10	20
Medium	20	40
Fine	50*	100**
Extra Fine	100**	200**
JEWELRY AND WATCH MANUFACTURING	100**	200**
LAUNDRIES AND DRY CLEANING	20	40
LEATHER MANUFACTURING:		
Vats	5	15
Cleaning, Tanning and Stretching	10	20
Cutting, Fleshing and Stuffing	15	30
Finishing and Scarfing	20	40

I – RECOMMENDED FOOTCANDLE INTENSITIES *(continued)*

	FOOTCANDLES RECOMMENDED Good Practice	Superior Practice
LEATHER WORKING:		
Pressing, Winding and Glazing—		
Light	10	20
Dark	20	40
Grading, Matching, Cutting, Scarfing, Sewing—		
Light	20	40
Dark	100**	200**
LOADING DOCKS	5	15
LOCKER ROOMS	5	10
LUMBER YARDS	1	5
MACHINE SHOPS:		
Rough Bench and Machine Work	10	20
Medium Bench and Machine Work, Ordinary Automatic Machines, Rough Grinding, Medium Buffing and Polishing	20	40
Fine Bench and Machine Work, Fine Automatic Machines, Medium Grinding, Fine Buffing and Polishing	50*	100**
Extra Fine Bench and Machine Work Grinding—Fine Work	100**	200**
MEAT PACKING:		
Slaughtering	10	20
Cleaning, Cutting, Cooking, Grinding, Canning, Packing	20	40
MILLING—GRAIN FOODS:		
Cleaning, Grinding and Rolling	10	20
Baking or Roasting	20	40
Flour Grading	30	50*
MOTORDROMES:		
Seats	2	5
Track	20	50
OFFICES:		
Private and General—		
No Close Work	10	20
Close Work	20	40
Drafting Rooms	30	50*
PACKING AND BOXING	10	20
PAINT MANUFACTURING	10	20
PAINT SHOPS:		
Dipping, Spraying, Firing	10	20
Rubbing, Ordinary Hand Painting and Finishing	20	40
Fine Hand Painting and Finishing	50*	100**
Extra Fine Hand Painting and Finishing (Automobile Bodies, Piano Cases, etc.)	100**	200**
PAPER BOX MANUFACTURING:		
Light	10	20
Dark	20	40
Storage of Stock	5	15

	FOOTCANDLES RECOMMENDED Good Practice	Superior Practice
PAPER MANUFACTURING:		
Beaters, Grinding, Calendering	10	20
Finishing, Cutting, Trimming	20	40
PIERS:		
Freight	5	15
Passenger	5	15
PLATING	10	20
POLISHING AND BURNISHING	15	30
POST OFFICE:		
Sorting, Mailing, etc.	20	50*
Storage	10	20
File Room and Vault	10	20
Corridors and Stairways	5	15
POWER PLANTS, ENGINE ROOMS, BOILERS:		
Boilers, Coal and Ash Handling, Storage Battery Rooms	5	15
Auxiliary Equipment, Oil Switches and Transformers	10	20
Switchboards, Engines, Generators, Blowers, Compressors	15	30
PRINTING INDUSTRIES:		
Matrixing and Casting	10	20
Miscellaneous Machines	15	30
Presses and Electrotyping	20	40
Lithographing	50*	100**
Linotype, Monotype, Typesetting, Imposing Stone, Engraving	50*	100**
Proof Reading	100**	200**
PRISON YARDS	5	15
PROTECTIVE INDUSTRIAL	2	10
QUARRIES	2	10
RAILROAD YARDS:		
Receiving	0.1	0.25
Classification	0.2	0.5
RECEIVING AND SHIPPING	10	20
RUBBER MANUFACTURING AND PRODUCTS:		
Calenders, Compounding Mills, Fabric Preparation, Stock Cutting, Tubing Machines, Solid Tire Operations, Mechanical Goods Building, Vulcanizing	10	20
Bead Building, Pneumatic Tire Building and Finishing, Inner Tube Operation, Mechanical Goods Trimming, Treading	20	40
SCHOOLS:		
Auditoriums	10	25
Drawing Room	30	50*
Laboratories	15	30
Manual Training	20	40
Sewing Room	30	50*

I – RECOMMENDED FOOTCANDLE INTENSITIES *(continued)*

	FOOTCANDLES RECOMMENDED Good Practice	Superior Practice
SHEET METAL WORKS:		
Miscellaneous Machines, Ordinary Bench Work	15	30
Punches, Presses, Shears, Stamps, Welders, Spinning, Medium Bench Work	20	40
Tin Plate Inspection	30	.....
SHIP YARD CONSTRUCTION	5	15
SHOE MANUFACTURING:		
Hand Turning, Miscellaneous Bench and Machine Work	10	20
Inspecting and Sorting Raw Material, Cutting and Stitching—		
Light	20	40
Dark	100**	200**
Lasting and Welting	20	40
SHOW CASES	50	100
SOAP MANUFACTURING:		
Kettle Houses, Cutting, Soap Chip and Powder	10	20
Stamping, Wrapping and Packing, Filling and Packing Soap Powder	20	40
STEEL AND IRON MILLS, BAR, SHEET & WIRE PRODUCTS:		
Soaking Pits and Reheating Furnaces	5	15
Charging and Casting Floors	10	20
Muck and Heavy Rolling, Shearing, rough by gauge, Pickling and Cleaning	10	20
Plate Inspection, Chipping	30	50*
Automatic Machines, Red, Light and Cold Rolling, Wire Drawing, Shearing, fine by line	15	30
STONE CRUSHING AND SCREENING:		
Belt Conveyor Tubes, Main Line Shafting Spaces, Chute Rooms, Inside of Bins	5	15
Primary Breaker Room, Auxiliary Breakers under Bins	5	15
Screens	10	20
STORAGE BATTERY MANUFACTURING:		
Molding of Grids	10	20
STORAGE YARDS	1	5
STORE AND STOCK ROOMS:		
Rough Bulky Material	5	15
Medium or Fine Material requiring care	10	20
STRUCTURAL STEEL FABRICATION	10	20
SUGAR GRADING	30	50*

	FOOTCANDLES RECOMMENDED Good Practice	Superior Practice
TELEPHONE EXCHANGES:		
Operating Rooms	10	20
Terminal Rooms	15	30
Cable Vaults	5	15
TESTING:		
Rough	10	20
Fine	20	40
Extra Fine Instruments, Scales, Etc.	100**	200**
TEXTILE MILLS:		
Cotton—		
Opening and Lappings, Carding, Drawing, Roving, Dyeing	10	20
Spooling, Spinning, Drawing-in, Warping, Weaving, Quilling, Inspecting, Knitting, Slashing (over Beam end)	20	40
Silk—		
Winding, Throwing, Dyeing	15	30
Quilling, Warping, Weaving, Finishing—		
Light Goods	15	30
Dark Goods	30	50*
Woolen—		
Carding, Picking, Washing, Combing	10	20
Twisting, Dyeing	10	20
Drawing-in, Warping—		
Light Goods	15	30
Dark Goods	30	50*
Weaving—		
Light Goods	15	30
Dark Goods	30	50*
Knitting Machines	20	40
TOBACCO PRODUCTS:		
Drying, Stripping, General	10	20
Grading and Sorting	100**	200**
TOILETS AND WASH ROOMS	5	15
TRANSPORTATION:		
Depots—		
Baggage Checking Office	15	30
Storage	5	15
Platforms	5	15
UPHOLSTERING — AUTOMOBILE, COACH, FURNITURE	20	40
WAREHOUSE	5	15
WOODWORKING:		
Rough Sawing and Bench Work	10	20
Sizing, Planing, Rough Sanding, Medium Machine and Bench Work, Gluing, Veneering, Cooperage	20	40
Fine Bench and Machine Work, Fine Sanding and Finishing	30	50*

* Often feasible with general lighting only; usually more economical and equally satisfactory to provide ⅓ to ½ of the amount by general lighting and the balance by supplementary lighting.

** Supplementary, local lighting usually recommended; general lighting should not be less than 1/10th of the total intensity provided.

II. ROOM CONDITIONS INDEX CHART

COLOR OF WALLS and CEILING	White	Ivory	Cream	Light Gray	Light Green	Light Blue	Alum-inum	Maple	Oak	Brick
Reflection Factor	85%	77%	76%	75%	72%	66%	57%	52%	33%	23%
Maintainence of Reflectors	BASED ON 10 POINTS FOR VERY GOOD MAINTAINENCE WITH WHITE WALLS AND WHITE CEILING									
Very Good	10	9	9	9	8	7	6	5	4	3
Average	9	8	8	8	7	6	5	4	3	2
Poor	8	7	7	7	6	5	4	3	2	1
ROOM PROPORTIONS	ROOM CONDITIONS INDEX LETTER WILL BE FOUND IN COLUMN UNDER NUMBER DETERMINED ABOVE									
	10	9	8	7	6	5	4	3	2	1
WIDTH 3-5 Times Ceiling Height	A	A	A	B	B	B	B	C	C	C
WIDTH 2 Times Ceiling Height	A	A	B	B	B	C	C	C	C	*
WIDTH Equal to Ceiling Height	A	B	B	C	C	C	C	C	*	*
*Recommend Repainting of Room										

III. SPACING AND MOUNTING HEIGHT

In planning a general lighting system the aim is to provide substantially a uniform level of illumination throughout the room. This eliminates spottiness and dark corners, and makes the entire area equally suitable as a work space or for display, sales or whatever the general purpose may be.

The number of outlets to provide for any given area is determined by the maximum allowable spacing between lighting units and is in turn regulated by their height above the floor. The accompanying drawings illustrate this principle.

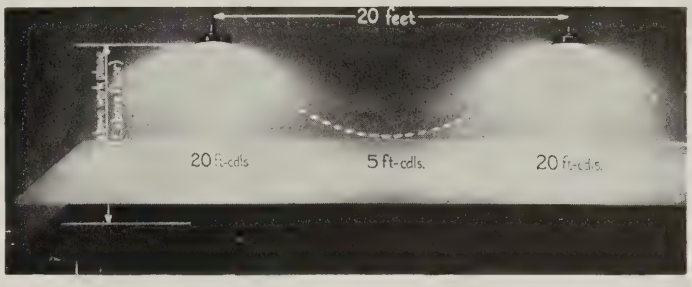
Strictly speaking, the spacing for uniform illumination on the work depends upon the height of the light source above the surface to be illuminated, but since most work surfaces are from 2½ to 3½ feet above the floor, the spacing may for practical purposes be considered a function of the mounting height of lamps above the floor. In general, a spacing in feet which does not substantially exceed this mounting height will result in reasonably uniform illumination.

The ceiling height, or rather the height which units may be mounted clear of obstructions, therefore limits the maximum permissible spacing.

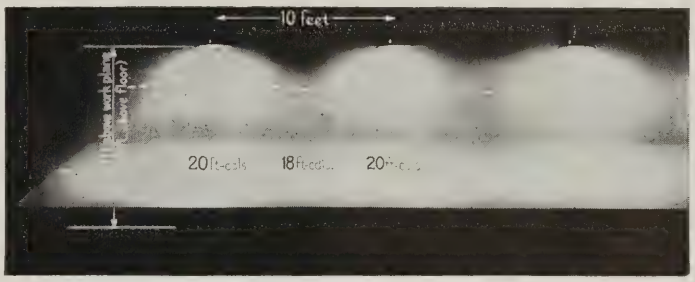
The spacing of lighting units is not influenced by the size or type of lamp used, but is regulated by the distribution characteristics of the reflector. Where less than the maximum permissible spacing is employed, the units may be mounted lower if desired but in no case should the mounting height be less than given in Table V for the actual spacing used.

III. SPACING AND MOUNTING HEIGHT *(continued)*

Units spaced too far apart for their height furnish very uneven illumination, in this case a 4 to 1 variation, and work positions midway between units will be inadequately lighted; harsh shadows will also result. The remedy is to mount the units higher, or if that is impossible, to space them closer as illustrated below.

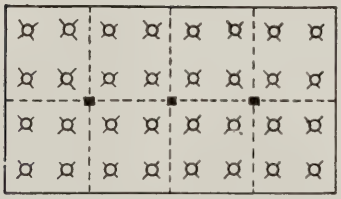


It will be noted that if the permissible ratio between spacing and mounting height is not exceeded, uniform illumination will be produced. Note also the overlapping of light which serves to eliminate shadows as the units are brought closer together.

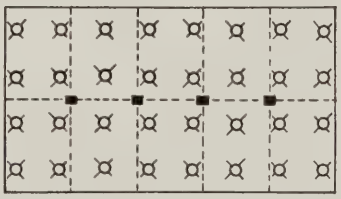


TYPICAL OUTLET SPACING LAYOUTS

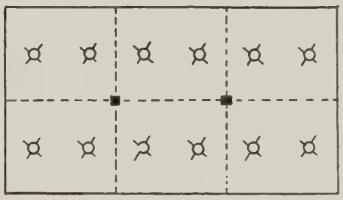
TO CONFORM WITH STRUCTURAL DESIGN



FOUR UNITS PER BAY. This is the most common system for the square bay of usual dimensions.

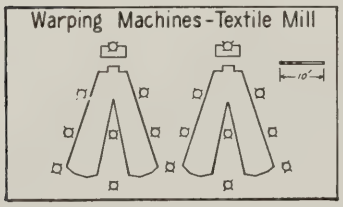


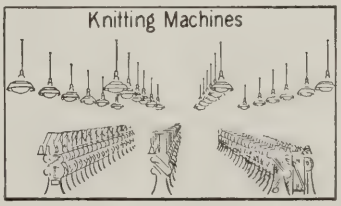
FOUR-TWO SYSTEMS. Equivalent to three units per bay and alternative to four per bay where spacing allows.

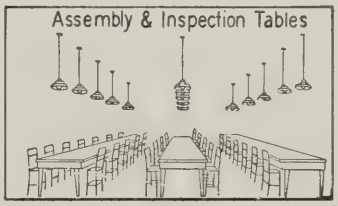


TWO UNITS PER BAY. Usually applicable only in narrow bays where the width is less than two-thirds the length.

TO CONFORM WITH MACHINE ARRANGEMENT



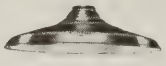
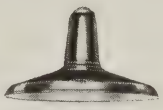
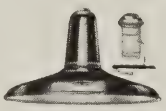




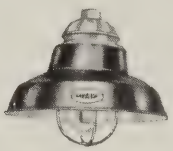
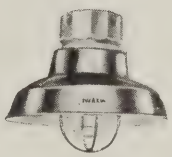
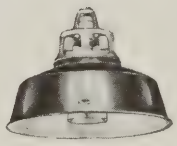
IN INDUSTRIAL INTERIORS WITH STANDARD MACHINE ARRANGEMENT the general lighting system can best be arranged primarily with respect to the machine layout and secondarily with regard to structural features. Particularly in textile mills, paint, paper and printing industries and over special assembly and inspection tables, is it possible thus to favor the principal work surfaces and still achieve uniform lighting if the machinery were removed.

IN FACTORIES HAVING BULKY MACHINERY such as flour mills with intricate conveyor systems, carpet looms, furnaces, tanks, glass making, and others, which use specialized machinery, any plan of general lighting will encounter obstacles which will obstruct the light and prevent it from reaching important and vital points. The best arrangement for the general lighting should be studied and supplementary lighting applied wherever required.

IV. LIGHTING EQUIPMENT SELECTION CHART

	SHADE HOLDER TYPE FOR STANDARD 2¼" SHADE HOLDER	SOCKET TYPE		SPEED-LOX TYPE	
		WITH KEYLESS SOCKET	WITH PULL CHAIN SOCKET	WITH PENDANT HOOD	WITH OUTLET HOOD
SHALLOW DOME	 Page 31	 Page 22	 Page 22	Page 40	Page 40
STANDARD DOME	Page 32	Page 23	Page 23	Page 41	Page 41
CIRCULAR ANGLE	Page 33	Vertical Fitting Page 24	Horizontal Fitting Page 25	Page 42	Page 42
RECT-ANGULAR ANGLE		Page 26	Page 27	Page 43	Page 43
DEEP BOWL	Page 34	Page 28	Page 28	Page 44	Page 44
GLASSTEEL DIFFUSER				Page 39	Page 39

IV. LIGHTING EQUIPMENT SELECTION CHART

RR THREADED TYPE		VAPOR-PROOF TYPE		MERCURY VAPOR UNITS	
WITH PENDANT HOOD	WITH OUTLET HOOD	PENDANT TYPE CASTING	X TYPE CASTING	MERCURY VAPOR ONLY	COMBINATION Mercury vapor & Incandescent
Page 46	Page 46	Page 50	Page 50		
Page 47	Page 47	 Page 51	 Page 51	Page 62	 Page 67
Page 48	Page 48	Page 52	Page 52	Page 64	Page 68
				Page 65	
Page 49	Page 49			Page 63	Page 68
Page 45	Page 45			Page 61	Page 66

V. DESIGN DATA FOR GLASSTEEL DIFFUSERS

FIGURES BELOW INDICATE APPROXIMATE FOOT-CANDLE INTENSITIES USING SILV-A-KING GLASSTEEL DIFFUSERS EQUIPPED WITH OPAL DIFFUSING GLOBES
(Reduce Values by 35% When Using Daylight Blue Globes)

Mounting Height of Light Source in Feet	Spacing Between Outlets in Feet	Area Per Outlet in Square Feet	Room Condition Index Letter	INCANDESCENT LAMPS							MERCURY VAPOR LAMPS		COMBINATION MERCURY & INCANDESC.	
				150 Watt 2580 Lumens	200 Watt 3640 Lumens	300 Watt 5820 Lumens	500 Watt 10000 Lumens	750 Watt 14550 Lumens	1000 Watt 20700 Lumens	1500 Watt 32550 Lumens	250 Watt 7500 Lumens	400 Watt 16000 Lumens	1-250 Watt 3-100 Watt	1-400 Watt 3-150 Watt
7½	7¾x 7¾	55– 65	A	15-18	21-26	33-41	59-74				40-52		63-77	
			B	11-15	16-21	25-33	45-59				30-40		50-63	
			C	9-11	13-16	21-25	38-45				24-31		41-50	
8½	8½x 8½	65– 75	A	13-16	18-22	29-35	52-68	77-94			34-42		54-65	
			B	10-13	13-18	21-29	38-52	56-77			25-34		43-54	
			C	8-10	11-13	17-21	30-38	45-56			20-25		39-43	
8½	9 x 9	75– 85	A	11-14	15:19	24-30	43-54	64-80			30-38		46-56	
			B	8-11	12-15	19-24	34-43	50-64			22-29		39-46	
			C	7-8	10-12	16-19	29-34	43-50			18-22		33-39	
9	9½x 9½	85– 95	A	10-12	14-17	22-27	40-49	59-73			27-34		39-50	
			B	8-10	11-14	18-22	32-40	48-59			20-27		32-39	
			C	6-8	9-11	14-18	25-32	37-48			16-20		29-32	
9½	10 x10	95–110	A	8-10	12-15	21-26	38-47	56-70	79-99		25-32		35-42	
			B	6-8	10-12	16-21	29-38	43-56	61-79		18-25		29-35	
			C	5-6	8-10	13-16	23-29	34-43	48-61		16-18		24-29	
10	11 x11	110–125	A	7-9	10-13	18-22	32-40	48-59	68-84		21-27	48-59	29-37	68-84
			B	6-7	8-10	14-18	25-32	37-48	52-68		16-21	37-48	23-29	52-68
			C	5.0-5.5	7-8	12-14	22-25	33-37	47-52		13-16	33-37	20-23	47-52
10½	11½x11½	125–145	A	6-8	9-11	15-19	27-34	40-50	57-71		18-24	40-50	26-32	57-71
			B	5-6	7-9	12-15	22-27	33-40	47-57		14-18	33-40	22-26	47-57
			C	4-5	6-7	10-12	18-22	27-33	38-47		11-14	27-33	19-22	38-47
11	12½x12½	145–170	A	5-7	7-9	13-17	23-30	34-45	48-64	79-104	17-21	34-45	22-28	48-64
			B	4-5	6-7	10-13	18-23	27-34	38-48	63-79	13-17	27-34	18-22	38-48
			C	3.5-4.0	5-6	8-10	16-18	24-27	34-38	50-63	10-13	24-27	16-18	34-48
11½	13½x13½	170–200	A	4-6	6-8	11-14	20-25	30-37	42-52	68-87	14-17	30-37	21-24	42-52
			B	3.5-4.0	5-6	8-11	16-20	24-30	34-42	55-68	10-14	24-30	16-21	34-42
			C	3.0-3.5	4-5	7-8	13-16	19-24	27-34	43-55	9-10 5	19-24	13-16	27-34
12½	14¾x14¾	200–230	A	3.5-4.0	5-7	10-12	17-22	25-33	35-47	58-76	11-14	25-33	17-20	35-47
			B	3.0-3.5	4.5-5.5	7-10	13-17	19-25	27-35	43-58	9-11	19-25	12-17	27-35
			C	2.5-3.0	3.5-4.0	6-7	11-13	16-19	23-27	36-43	7-9	16-19	11-12	23-27
13	15½x15½	230–260	A	3.0-3.5	4-6	8-10	15-19	22-28	31-40	50-64	10-12	22-28	15-18	31-40
			B	2.5-3.0	4.0-4.5	6-8	12-15	18-22	25-31	41-50	8-10	18-22	12-15	25-31
			C	2.0-2.5	3.5-4.0	5.5-6.5	10-12	15-18	21-25	35-41	6-7	15-18	9-10	21-25
13½	16¾x16¾	260–300	A		4-5	7-9	13-17	19-25	27-35	43-58	10-11	19-25	13-16	27-35
			B		3.5-4.0	6-7	10-13	15-19	21-27	35-43	7-9	15-19	10-13	21-27
			C		3.0-3.5	5-6	9-10	13-15	18-21	30-35	5-7	13-15	7-8	18-21
14½	18 x18	300–340	A		3.5-4.0	6-8	12-14	18-21	25-30	41-48	7-10	18-21	12-15	25-30
			B		3.0-3.5	5-6	9-12	13-18	18-25	30-41	6-7	13-18	9-12	18-25
			C		2.5-3.0	4-5	7-9	10-13	14-18	23-30	5-6	10-13	6-9	14-18
15½	19 x19	340–390	A		3.0-3.5	5-7	10-12	15-18	21-25	35-41	6-9	15-18	11-14	21-25
			B		2.5-3.0	4-5	7-10	10-15	14-21	23-35	5-6	10-15	8-11	14-21
			C		2.0-2.5	3.5-4.0	6-7	9-10	13-14	20-23	4-5	9-10	5-8	13-14
16½	20½x20½	390–440	A			4-6	9-11	13-16	18-23	30-36	5-7	13-16	10-13	18-23
			B			3.5-4.0	7-9	10-13	14-18	20-30	4-5	10-13	7-10	14-18
			C			3.0-4.5	5-6	7-9	10-13	17-20	3-4	7-9	4-7	10-13
17	21¾x21¾	440–500	A			4-5	8-10	12-15	17-21	28-35	5-6	12-15	9-12	17-21
			B			3.0-3.5	6-8	9-12	13-17	18-28	4-5	9-12	6-9	13-17
			C			2.5-3.0	4-5	6-7	8-10	13-17	3-4	6-7	3-6	11-13

V. DESIGN DATA FOR STANDARD DOME REFLECTORS

FIGURES BELOW INDICATE APPROXIMATE FOOT-CANDLE INTENSITIES, USING SILV-A-KING STANDARD DOME REFLECTORS

Mounting Height of Light Source in Feet	Spacing Between Outlets in Feet	Area Per Outlet in Square Feet	Room Condition Index Letter	INCANDESCENT LAMPS								MERCURY VAPOR LAMPS		COMBINATION MERCURY & INCANDESC.	
				100 Watt 1530 Lumens	150 Watt 2580 Lumens	200 Watt 3640 Lumens	300 Watt 5820 Lumens	500 Watt 10000 Lumens	750 Watt 14550 Lumens	1000 Watt 20700 Lumens	1500 Watt 32550 Lumens	250 Watt 7500 Lumens	400 Watt 16000 Lumens	1-250 Watt 3-100 Watt	1-400 Watt 3-150 Watt
7½	7¾x 7¾	55– 65	A	9-11	17-20	23-28	36-44	65-80				49-60		72-88	
			B	7-9	13-17	18-23	28-36	51-65				40-49		58-72	
			C	7-8	11-13	15-18	24-28	44-51				35-40		56-58	
8½	8½x 8½	65– 75	A	8-10	15-18	20-24	32-38	58-69	85-102			45-54		66-80	
			B	7-8	12-15	15-20	24-32	44-58	64-85			37-45		55-66	
			C	6-7	10-12	13-15	20-24	36-44	53-64			30-37		44-55	
8½	9 x 9	75– 85	A	7-9	13-16	17-21	27-33	49-60	72-88			43-52		63-77	
			B	6-7	10-13	14-17	22-27	40-49	58-72			34-43		50-63	
			C	5-6	9-10	12-14	19-22	35-40	51-58			28-34		41-50	
9	9½x 9½	85– 95	A	6-8	12-14	16-19	25-30	45-54	66-80			37-45		54-65	
			B	5-6	10-12	13-16	19-25	37-45	55-66			30-37		43-54	
			C	5-5	8-10	11-13	16-19	30-37	44-55			27-30		39-43	
9½	10 x10	95–110	A	5-7	10-12	14-17	24-29	43-52	63-77	88-108		31-48	76-92	46-56	91-116
			B	5-5	8-10	12-14	19-24	34-43	50-62	70-88		26-31	60-76	39-46	75-91
			C	4-5	7-8	10-12	16-19	28-34	41-50	57-70		22-26	55-60	33-39	62-75
10	11 x11	110–125	A	5-6	9-11	12-15	21-25	37-45	54-65	76-92		27-34	64-78	39-50	78-97
			B	5-5	8-9	10-12	17-21	30-37	43-54	60-76		22-27	54-64	32-39	65-78
			C	4-5	7-8	9-10	15-17	27-30	39-43	55-60		20-22	45-54	29-32	53-65
10½	11½x11½	125–145	A	5-5	8-10	11-13	17-21	31-38	46-56	64-78		24-29	54-70	35-42	67-85
			B	4-5	7-8	9-11	14-17	26-31	39-46	54-64		20-24	44-54	29-35	52-67
			C	4-5	6-7	8-9	12-14	22-26	33-39	45-54		17-20	40-44	24-29	45-52
11	12½x12½	145–170	A	4-5	7-9	8-10	15-19	27-34	39-50	54-70	89-114	20-25	47-57	29-37	58-72
			B	4-4	6-7	7-8	12-15	22-27	32-39	44-54	73-89	16-20	39-47	23-29	49-58
			C	3-4	6-6	6-7	10-12	20-22	29-32	40-44	60-73	14-16	32-39	20-23	43-49
11½	13½x13½	170–200	A		6-8	7-9	13-16	24-29	35-42	47-57	76-95	18-22	39-51	26-32	50-65
			B		6-6	6-7	10-13	20-24	29-35	39-47	63-76	15-18	31-39	22-26	42-50
			C		5-6	5-6	9-10	17-20	24-29	32-39	51-63	13-15	27-33	19-22	37-42
12½	14¾x14¾	200–230	A		6-6	6-8	12-14	20-25	29-37	39-51	65-83	16-20	35-44	22-28	47-54
			B		5-6	6-7	9-12	16-20	23-29	31-39	50-65	13-16	29-35	18-22	36-47
			C		5-5	5-5	8-9	14-16	20-23	27-31	43-50	12-13	25-29	16-18	29-36
13	15½x15½	230–260	A		5-5	5-7	10-12	18-22	26-32	35-44	56-70	14-16	30-38	21-24	40-46
			B		4-5	5-6	8-10	15-18	22-26	29-35	47-56	11-14	24-30	16-21	28-40
			C		4-4	5-5	7-8	13-15	19-22	25-29	41-47	9-11	21-29	13-16	25-28
13½	16¾x16¾	260–300	A			5-6	7-11	16-20	22-28	30-38	48-63	12-14	28-33	17-20	34-40
			B			4-5	8-9	13-16	18-22	24-30	40-48	9-12	21-28	12-17	24-34
			C			4-4	7-8	12-13	16-18	21-24	35-40	8-9	17-21	11-12	21-24
14½	18 x18	300–340	A			4-5	7-9	14-16	21-24	28-33	45-52	10-12	23-27	15-18	31-37
			B			4-4	6-7	11-14	16-21	21-28	34-45	8-10	16-23	12-15	21-31
			C			3-4	5-6	9-11	13-16	17-21	27-34	6-8	15-16	9-10	16-20
15½	19 x19	340–390	A			4-4	6-8	12-14	17-20	23-27	38-44	9-11	20-25	13-16	29-35
			B			3-4	5-6	9-12	12-17	16-23	26-38	7-9	16-20	10-13	19-29
			C			3-3	5-5	8-9	11-12	15-16	23-26	5-6	12-15	7-8	14-18
16½	20½x20½	390–440	A				5-7	10-12	15-18	20-25	32-38	8-10	18-22	12-15	26-32
			B				4-5	8-10	12-15	16-20	22-32	6-8	14-18	9-12	16-26
			C				4-4	6-8	9-10	12-15	19-22	4-5	9-11	6-7	11-15
17	21¾x21¾	440–500	A				5-6	9-11	13-16	18-22	29-35	7-9	17-21	11-14	23-29
			B				4-4	7-9	10-13	14-18	19-29	5-7	13-17	8-11	13-23
			C				3-4	5-6	7-8	9-11	14-18	3-4	8-10	5-6	8-12

V. DESIGN DATA FOR HIGH BAY MOUNTING UNITS

FIGURES BELOW INDICATE APPROXIMATE FOOT-CANDLE INTENSITIES, USING SILV-A-KING DEEP BOWL AND HIGH BAY MOUNTING UNITS

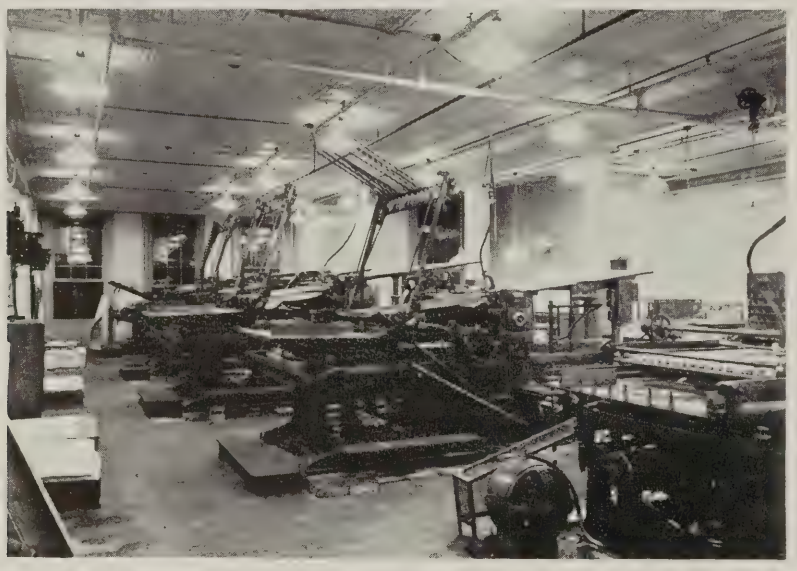
Mounting Height of Light Source in Feet	Spacing Between Outlets in Feet	Area Per Outlet in Square Feet	Room Condition Index Letter	INCANDESCENT LAMPS					MERCURY VAPOR LAMPS		COMBINATION MERCURY & INCAND.
				300 Watt 5820 Lumens	500 Watt 10000 Lumens	750 Watt 14550 Lumens	1000 Watt 20700 Lumens	1500 Watt 32550 Lumens	250 Watt 7500 Lumens	400 Watt 16000 Lumens	1-250 Watt 3-100 Watt
15	14x14	185–210	A	13-16					15-18		
			B	10-13					11-13		
			C	8-10					9-11		
16	15x15	210–240	A	11-14					13-16		
			B	8-11					10-13		
			C	7-8					8-10		
17	16x16	240–270	A	10-12	20-25				11-14		
			B	8-10	16-20				8-11		
			C	6-8	13-16				7-8		
18	17x17	270–300	A	8-10	17-22				10-12		
			B	6-8	13-17				8-10		
			C	5-6	11-13				6-8		
19	18x18	300–340	A	7-9	15-19	23-30			8-10		20-25
			B	6-7	12-15	18-23			6-8		16-20
			C	5.0-5.5	10-12	16-18			5-6		13-16
20	19x19	340–390	A	6-8	13-17	20-25	29-35	46-56	7-9	24-30	17-22
			B	5-6	10-13	16-20	21-29	39-46	6-7	19-24	13-17
			C	4-5	9-10	13-16	17-21	33-39	5.0-5.5	16-19	11-13
20	20x20	390–440	A	5-7	12-14	17-22	24-30	39-50	6-8	22-27	15-19
			B	4-5	9-12	13-17	19-24	32-39	5-6	18-22	12-15
			C	3.5-4.0	7-9	11-13	16-19	29-32	4-5	14-18	10-12
21	22x22	440–490	A	4-6	10-12	15-19	22-27	35-42	5-7	21-26	13-17
			B	3.5-4.0	7-10	12-15	18-22	29-35	4-5	16-21	10-13
			C	3.0-3.5	6-7	10-12	14-18	24-29	3.5-4.0	13-16	9-10
21	23x23	490–540	A		9-11	13-17	21-26	29-37	4-6	18-22	12-14
			B		7-9	10-13	16-21	23-29	3.5-4.0	14-18	9-12
			C		5-6	9-10	13-16	20-23	3.0-3.5	12-14	7-9
22	24x24	540–590	A		8-10	12-14	18-22	26-32		15-19	10-12
			B		6-8	9-12	14-18	22-26		12-15	7-10
			C		4-5	7-9	12-14	19-22		10-12	6-7
23	26x26	640–690	A		6-8	10-12	15-19	22-28		13-17	9-11
			B		4-6	7-10	12-15	18-22		10-13	7-9
			C		3-4	6-7	10-12	16-18		8-10	5-6
24	28x28	740–790	A		4-6	9-11	13-17	21-24		11-14	8-10
			B		3.5-4.0	7-9	10-13	16-21		8-11	6-8
			C		3.0-3.5	5-6	8-10	13-16		7-8	4-5
24	30x30	890–940	A			8-10	11-14	17-20		10-12	6-8
			B			6-8	8-11	12-17		7-10	4-6
			C			4-5	7-8	11-12		6-7	3-4
25	32x32	990–1040	A			6-8	10-12	15-18		8-10	4-6
			B			4-6	7-10	12-15		6-8	3.5-4.0
			C			3-4	6-7	9-10		5.5-6.5	3.0-3.5
25	34x34	1140–1190	A			4-6	8-10	13-16		7-9	4-5
			B			3.5-4.0	6-8	10-13		6-7	3.0-3.5
			C			3.0-3.5	5.5-6.5	7-8		5-6	2.5-3.0

Section II

INDUSTRIAL LIGHTING EQUIPMENT

	Pages
Socket Type Reflectors	22-29
Shade Holder Type Reflectors	30-34
"Speed-Lox" Type Reflectors	37-44
RR Threaded Type Reflectors	45-49
Vapor-Proof Units and Accessories	50-58
Mercury Vapor Units	61-65
Combination Mercury and Incandescent Units	66-68
High Bay Mounting Units	70-71

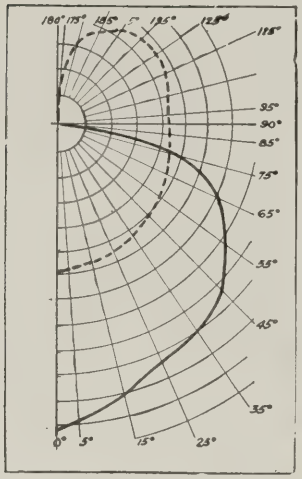
TYPICAL SILV-A-KING INSTALLATIONS



TYPICAL SILV-A-KING INSTALLATIONS

SHALLOW DOME REFLECTORS

SOCKET TYPE



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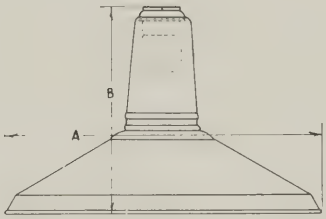


KEYLESS SOCKET

COMPLETE WITH KEYLESS SOCKET

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
412	75—100	12 in.	7¾ in.	27 lb.	10	$3.20
414	150	14 in.	8⅞ in.	33 lb.	10	3.50
416	200	16 in.	9¾ in.	43 lb.	10	4.10
418	300—500	18 in.	11 in.	32 lb.	5	5.30

SHOCK ABSORBING KEYLESS SOCKETS can be furnished at 10c additional list.

PULL SOCKET

COMPLETE WITH PULL CHAIN SOCKET

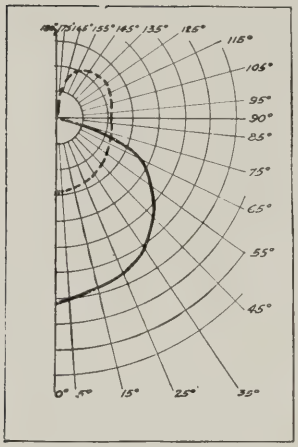
Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
412 P.S.	75—100	12 in.	7¾ in.	28 lb.	10	$4.00
414 P.S.	150	14 in.	8⅞ in.	34 lb.	10	4.30
416 P.S.	200	16 in.	9¾ in.	25 lb.	5	4.90

Sockets for above reflectors include fittings tapped for half-inch pipe. Fittings tapped for three-quarter inch pipe can be furnished upon request, at no additional cost.

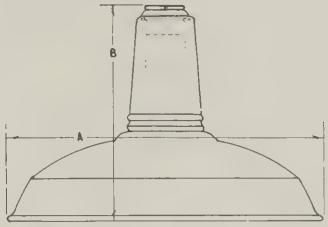
SILV-A-KING reflectors listed on this page are supplied with a satin finished, aluminum auxiliary reflector which fits closely around the neck of the lamp, and utilizes the light usually lost in the neck of the reflector, thereby increasing the total light output approximately five percent (5%).

STANDARD DOME REFLECTORS

SOCKET TYPE



TESTED BY E. T. L.



KEYLESS SOCKET

COMPLETE WITH KEYLESS SOCKET

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
512	75—100	12 in.	8¼ in.	30 lb.	10	$3.20
514	150	14 in.	9⅝ in.	38 lb.	10	3.50
516	200	16 in.	10¾ in.	48 lb.	10	4.10
518	300—500	18 in.	11⅞ in.	36 lb.	5	5.30
522	750—1500	22 in.	15 in.	46 lb.	5	7.20

SHOCK ABSORBING KEYLESS SOCKETS can be furnished at 10c additional list.

PULL SOCKET

COMPLETE WITH PULL CHAIN SOCKET

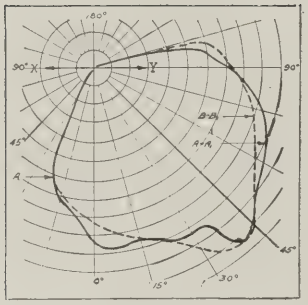
Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
512 P.S.	75—100	12 in.	8¼ in.	30 lb.	10	$4.00
514 P.S.	150	14 in.	9⅝ in.	38 lb.	10	4.30
516 P.S.	200	16 in.	10¾ in.	48 lb.	10	4.90

Sockets for above reflectors include fittings tapped for half-inch pipe. Fittings tapped for three-quarter inch pipe can be furnished upon request, at no additional cost.

SILV-A-KING reflectors listed on this page are supplied with a satin finished, aluminum auxiliary reflector which fits closely around the neck of the lamp, and utilizes the light usually lost in the neck of the reflector, thereby increasing the total light output approximately five percent (5%).

CIRCULAR ANGLE REFLECTORS

WIND PROOF — ARMORED SOCKET TYPE (PATENTED) — STORM PROOF



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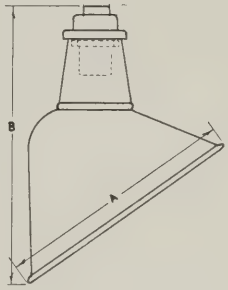
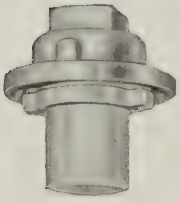




WITH PORCELAIN SOCKET AND VERTICAL FITTING

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
600	60—100	8 in.	10 in.	25 lb.	10	$2.20
610	150—200	10½ in.	12 in.	32 lb.	10	2.50
*620	300—500	12 in.	16 in.	27 lb.	5	4.50
*650	750—1500	16 in.	20⅜ in.	45 lb.	5	7.60

*No. 36 Socket and Fitting (listed on Page 35) is standard equipment, and can be furnished with Shock Absorbing Socket at 10c additional List.

The new type SILV-A-KING angle reflectors contain a combination of most improved factors in mechanical efficiency.

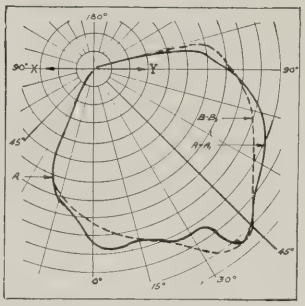
As illustrated, a metal stamping encases and reinforces the upper portion of the porcelain socket, making a SILV-A-KING installation impervious to the most severe weather conditions.

The above SILV-A-KING reflectors also feature an easier method of assembly and installation.

The sockets may be wired in the shop, or on the job, with the reflector entirely out of the way. After wiring is finished, the reflector is then easily attached.

CIRCULAR ANGLE REFLECTORS

WIND PROOF — ARMORED SOCKET TYPE (PATENTED) — STORM PROOF



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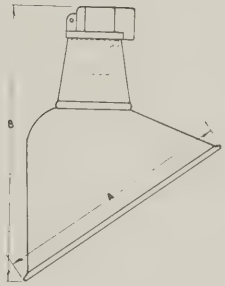
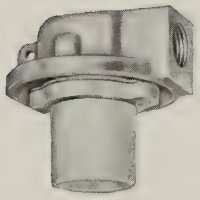




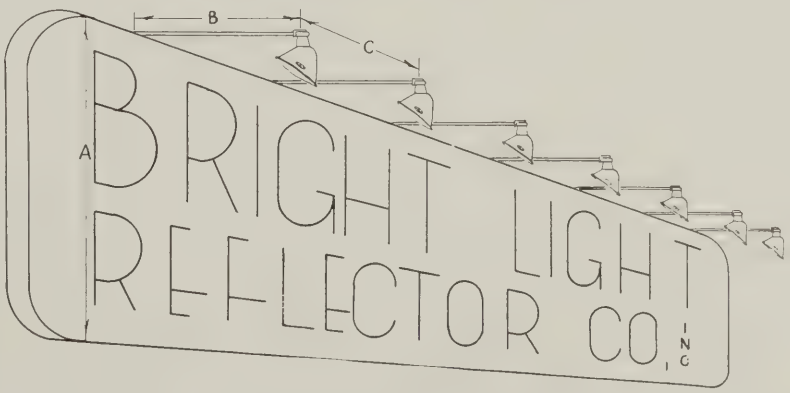
WITH PORCELAIN SOCKET AND HORIZONTAL FITTING

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
605	60—100	8 in.	10 in.	25 lb.	10	$2.20
615	150—200	10½ in.	12 in.	32 lb.	10	2.50

Bushing for ¾" Conduit can be supplied upon request

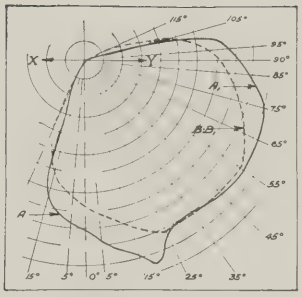
SIGN LIGHTING DATA FOR CIRCULAR ANGLE REFLECTORS

Height of Sign "A"	Length of Conduit "B"	Spacing of Units "C"	Lamp Size in Watts	Silv-A-King Cat. #
2 ft.	2 ft.	3 ft.	60-100	605
3-4 ft.	2½ ft.	4 ft.	60-100	605
5-7 ft.	3 ft.	5 ft.	150-200	615
8-9 ft.	4 ft.	6 ft.	150-200	615
10-11 ft.	5 ft.	7 ft.	200	615
12-13 ft.	6 ft.	9 ft.	300	620
14-16 ft.	7 ft.	10 ft.	300-500	620
17-20 ft.	10 ft.	13 ft.	500	620
20-25 ft.	12 ft.	14 ft.	750-1500	650



RECTANGULAR ANGLE REFLECTORS

WIND PROOF — ARMORED SOCKET TYPE (Patented) — STORM PROOF



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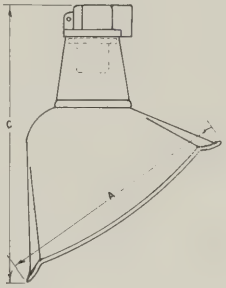
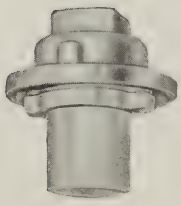


See Next Page for Front View

WITH PORCELAIN SOCKET AND VERTICAL FITTING



Catalog Number	Size of Lamp	Dim. of Rectangle "A"	Dim. of Rectangle "B"	"C" Height	Weight Stand. Pkge.	Standard Package	List Price
800	60—100	6¾ in.	8¼ in.	10 in.	25 lb.	10	$2.50
810	150—200	9¼ in.	10¾ in.	12 in.	32 lb.	10	3.60
*820	300—500	11 in.	13 in.	16 in.	38 lb.	5	6.15
*850	750—1500	15 in.	16 in.	20⅜ in.	43 lb.	5	9.25

*No. 36 Socket and Fitting (listed on Page 35) is standard equipment, and can be furnished with Shock Absorbing Socket at 10c additional List.

The new type SILV-A-KING angle reflectors contain a combination of most improved factors in mechanical efficiency.

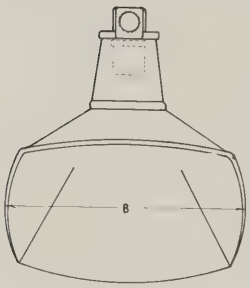
As illustrated, a metal stamping encases and reinforces the upper portion of the porcelain socket, making a SILV-A-KING installation impervious to the most severe weather conditions.

The above SILV-A-KING reflectors also feature an easier method of assembly and installation.

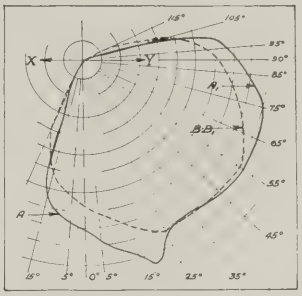
The sockets may be wired in the shop, or on the job, with the reflector entirely out of the way. After wiring is finished, the reflector is then easily attached.

RECTANGULAR ANGLE REFLECTORS

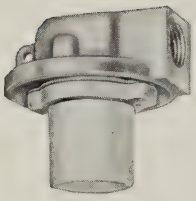
WIND PROOF — ARMORED SOCKET TYPE (Patented) — STORM PROOF



See Preceding Page For Side View



TESTED BY E. T. L.



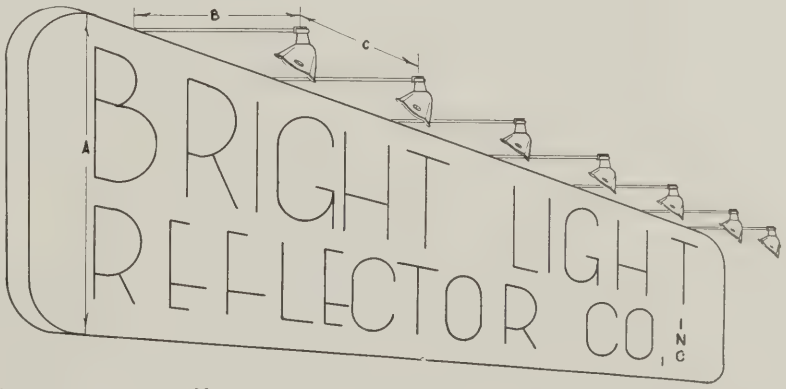
WITH PORCELAIN SOCKET AND HORIZONTAL FITTING

Catalog Number	Size of Lamp	Dim. of Rectangle "A"	Dim. of Rectangle "B"	"C" Height	Weight Stand. Pkge.	Standard Package	List Price
805	60—100	6¾ in.	8¼ in.	10 in.	25 lb.	10	$2.50
815	150—200	9¼ in.	10¾ in.	12 in.	32 lb.	10	3.60

Bushing for ¾" Conduit can be furnished upon request

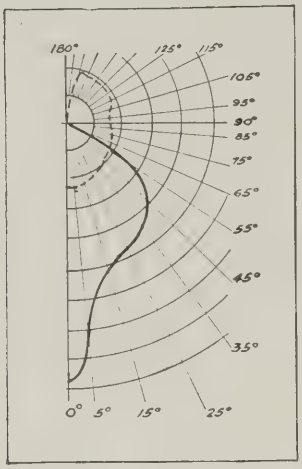
SIGN LIGHTING DATA FOR RECTANGULAR ANGLE REFLECTORS

Height of Sign "A"	Length of Conduit "B"	Spacing of Units "C"	Lamp Size in Watts	Silv-A-King Cat. #
2 ft.	2 ft.	3 ft.	60-100	805
3-4 ft.	2½ ft.	4 ft.	60-100	805
5-7 ft.	3 ft.	5 ft.	150-200	815
8-9 ft.	4 ft.	7 ft.	150-200	815
10-11 ft.	5 ft.	8 ft.	200	815
12-13 ft.	6 ft.	10 ft.	300	820
14-16 ft.	7 ft.	11 ft.	300-500	820
17-20 ft.	10 ft.	15 ft.	500	820
20-25 ft.	12 ft.	18 ft.	750-1500	850

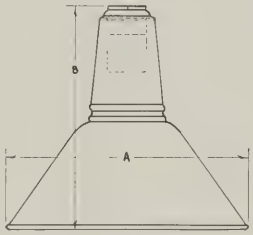


DEEP BOWL REFLECTORS

SOCKET TYPE



TESTED BY E. T. L.



KEYLESS SOCKET

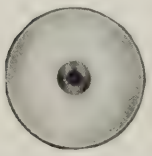
Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
900	50—60	8 in.	7 in.	25 lb.	10	$2.90
905	75—100	8 in.	8½ in.	27 lb.	10	3.10
910	150—200	10 in.	9½ in.	31 lb.	10	3.50
920	300—500	12 in.	12¼ in.	24 lb.	5	5.20
950	750—1500	16 in.	16⅛ in.	36 lb.	5	6.40

SHOCK ABSORBING KEYLESS SOCKETS can be furnished at 10c additional list.

PULL SOCKET

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
900 P.S.	50—60	8 in.	6⅞ in.	25 lb.	10	$3.70
905 P.S.	75—100	8 in.	8½ in.	27 lb.	10	3.90
910 P.S.	150—200	10 in.	9½ in.	31 lb.	10	4.30

Sockets for above reflectors include fittings tapped for half-inch pipe. Fittings tapped for three-quarter inch pipe can be furnished upon request, at no additional cost.

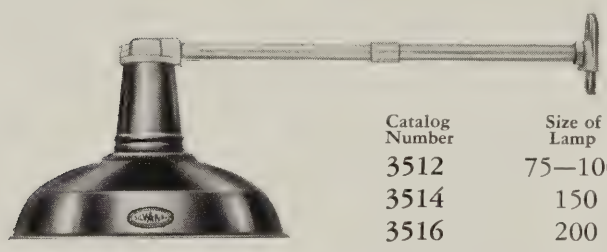


SILV-A-KING reflectors listed on this page are supplied with a satin finished, aluminum auxiliary reflector which fits closely around the neck of the lamp, and utilizes the light usually lost in the neck of the reflector, thereby increasing the total light output approximately five percent (5%).

"UNIT PACKAGE" UTILITY LIGHTING EQUIPMENT

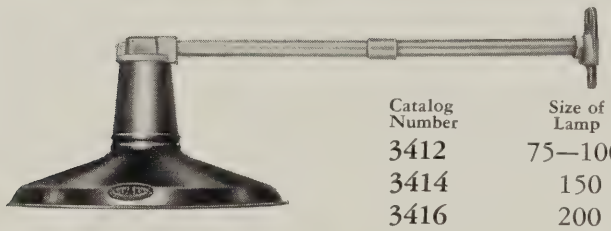
The SILV-A-KING "Unit Package" consists of a porcelain enameled steel reflector, a cast iron "Bayonet type" detachable socket hood, a patented armored socket, a 20" length of cadmium plated ½" conduit and a cadmium plated wall flange, tapped for ½" conduit.

Units are packed one to a carton, ready to wire and install. Units are recommended for use in the illumination of farm yards, gardens, roads, driveway signs, entranceways, outbuildings and utility areas.



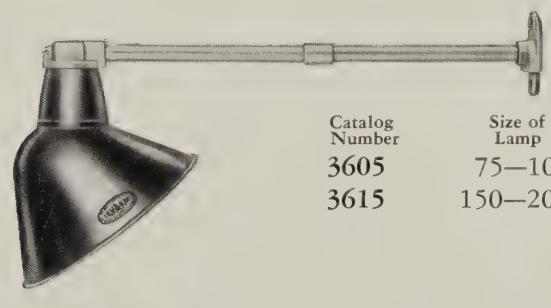
"UNIT PACKAGE" STANDARD DOME FIXTURE

Catalog Number	Size of Lamp	Reflector Diameter	Stand. Pkge.	Wgt. St. Pkge.	List Price
3512	75—100	12 in.	1	31 lb.	$3.65
3514	150	14 in.	1	37 lb.	3.85
3516	200	16 in.	1	43 lb.	4.40



"UNIT PACKAGE" SHALLOW BOWL FIXTURE

Catalog Number	Size of Lamp	Reflector Diameter	Stand. Pkge.	Wgt. St. Pkge.	List Price
3412	75—100	12 in.	1	30 lb.	$3.65
3414	150	14 in.	1	36 lb.	3.85
3416	200	16 in.	1	42 lb.	4.40



"UNIT PACKAGE" CIRCULAR ANGLE FIXTURE

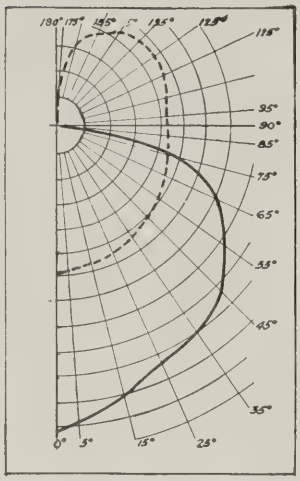
Catalog Number	Size of Lamp	Reflector Diameter	Stand. Pkge.	Wgt. St. Pkge.	List Price
3605	75—100	8 in.	1	29 lb.	$2.85
3615	150—200	10½ in.	1	35 lb.	3.15

CAST IRON WALL FLANGE

Catalog Number	Tapping	Stand. Pkge.	Wgt. St. Pkge.	List Price
65	½ in.	10	10 lbs.	$ .35

SHALLOW BOWL REFLECTORS

SHADE HOLDER TYPE



TESTED BY E. T. L.

WITH NECK FOR STANDARD 2¼-INCH SHADE HOLDER

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
210	25—60	10 in.	2⅞ in.	10 lb.	10	$ .80
212	75—100	12 in.	3¼ in.	15 lb.	10	.95
214	150	14 in.	3⅞ in.	20 lb.	10	1.20
216	200	16 in.	4⅛ in.	27 lb.	10	1.50

WITH HOLDER FOR BRASS SHELL SOCKET

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
210 B	25—60	10 in.	2⅞ in.	10 lb.	10	$1.00
212 B	75—100	12 in.	3¼ in.	15 lb.	10	1.15
214 B	150	14 in.	3⅞ in.	20 lb.	10	1.40
216 B	200	16 in.	4⅛ in.	27 lb.	10	1.70

WITH HOLDER FOR PORCELAIN SOCKET

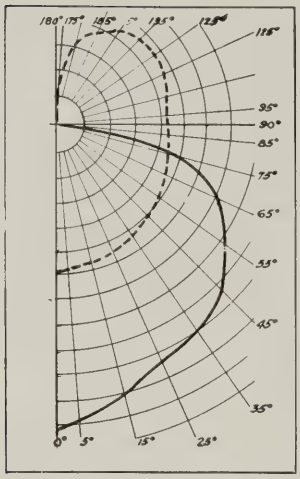
Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
210 P	25—60	10 in.	2⅞ in.	10 lb.	10	$1.00
212 P	75—100	12 in.	3¼ in.	15 lb.	10	1.15
214 P	150	14 in.	3⅞ in.	20 lb.	10	1.40
216 P	200	16 in.	4⅛ in.	27 lb.	10	1.70

WITH HOLDER FOR WEATHERPROOF ALUMINUM SOCKET

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
210 S	25—60	10 in.	2⅞ in.	10 lb.	10	$1.00
212 S	75—100	12 in.	3¼ in.	15 lb.	10	1.15
214 S	150	14 in.	3⅞ in.	20 lb.	10	1.40
216 S	200	16 in.	4⅛ in.	27 lb.	10	1.70

SHALLOW DOME REFLECTORS

SHADE HOLDER TYPE



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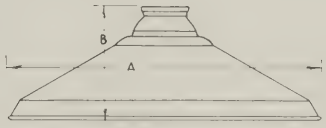


WITH NECK FOR STANDARD 2¼-INCH SHADE HOLDER

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
260	50—60	12 in.	4⅛ in.	16 lb.	10	$1.45
262	75—100	12 in.	5 in.	17 lb.	10	1.70
264	150	14 in.	5⅞ in.	22 lb.	10	1.90
266	200	16 in.	6½ in.	29 lb.	10	2.50

WITH HOLDER FOR BRASS SHELL SOCKET

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
260 B	50—60	12 in.	4⅛ in.	16 lb.	10	$1.65
262 B	75—100	12 in.	5 in.	17 lb.	10	1.90
264 B	150	14 in.	5⅞ in.	22 lb.	10	2.10
266 B	200	16 in.	6½ in.	29 lb.	10	2.70

WITH HOLDER FOR PORCELAIN SOCKET

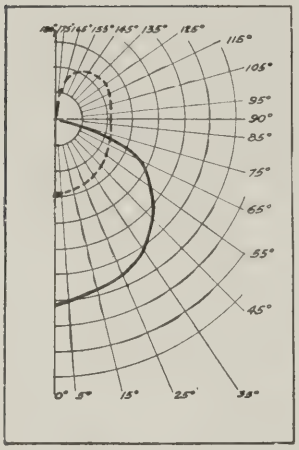
Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
260 P	50—60	12 in.	4⅛ in.	16 lb.	10	$1.65
262 P	75—100	12 in.	5 in.	17 lb.	10	1.90
264 P	150	14 in.	5⅞ in.	22 lb.	10	2.10
266 P	200	16 in.	6½ in.	29 lb.	10	2.70

WITH HOLDER FOR WEATHERPROOF ALUMINUM SOCKET

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
260 S	50—60	12 in.	4⅛ in.	16 lb.	10	$1.65
262 S	75—100	12 in.	5 in.	17 lb.	10	1.90
264 S	150	14 in.	5⅞ in.	22 lb.	10	2.10
266 S	200	16 in.	6½ in.	29 lb.	10	2.70

STANDARD DOME REFLECTORS

SHADE HOLDER TYPE



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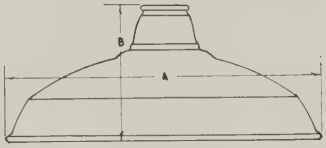


WITH NECK FOR STANDARD 2¼-INCH SHADE HOLDER

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
312	75—100	12 in.	5½ in.	17 lb.	10	$1.90
314	150	14 in.	6½ in.	25 lb.	10	2.20
316	200	16 in.	7½ in.	20 lb.	5	2.60

WITH HOLDER FOR BRASS SHELL SOCKET

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
312 B	75—100	12 in.	5½ in.	17 lb.	10	$2.10
314 B	150	14 in.	6½ in.	25 lb.	10	2.40
316 B	200	16 in.	7½ in.	20 lb.	5	2.80

WITH HOLDER FOR PORCELAIN SOCKET

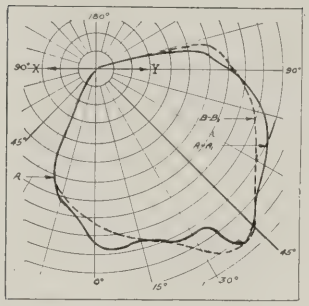
Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
312 P	75—100	12 in.	5½ in.	17 lb.	10	$2.10
314 P	150	14 in.	6½ in.	25 lb.	10	2.40
316 P	200	16 in.	7½ in.	20 lb.	5	2.80

WITH HOLDER FOR WEATHERPROOF ALUMINUM SOCKET

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
312 S	75—100	12 in.	5½ in.	17 lb.	10	$2.10
314 S	150	14 in.	6½ in.	25 lb.	10	2.40
316 S	200	16 in.	7½ in.	20 lb.	5	2.80

CIRCULAR ANGLE REFLECTORS

SHADE HOLDER TYPE



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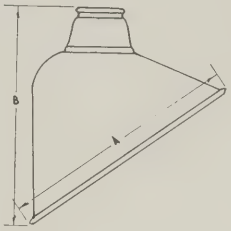


WITH NECK FOR STANDARD 2¼-INCH SHADE HOLDER

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
700	25—60	8 in.	7 in.	10 lb.	10	$1.15
705	75—100	8 in.	8 in.	11 lb.	10	1.45
715	150—200	10½ in.	10¼ in.	20 lb.	10	1.95

WITH HOLDER FOR BRASS SHELL SOCKET

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
700 B	25—60	8 in.	7 in.	10 lb.	10	$1.35
705 B	75—100	8 in.	8 in.	11 lb.	10	1.65
715 B	150—200	10½ in.	10¼ in.	20 lb.	10	2.15

WITH HOLDER FOR PORCELAIN SOCKET

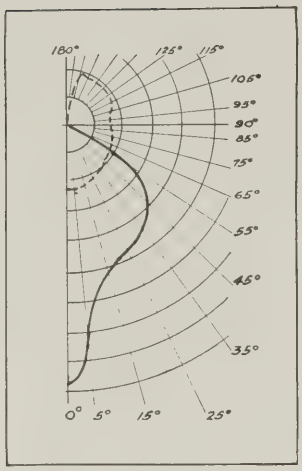
Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
700 P	25—60	8 in.	7 in.	10 lb.	10	$1.35
705 P	75—100	8 in.	8 in.	11 lb.	10	1.65
715 P	150—200	10½ in.	10¼ in.	20 lb.	10	2.15

WITH HOLDER FOR WEATHERPROOF ALUMINUM SOCKET

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
700 S	25—60	8 in.	7 in.	10 lb.	10	$1.35
705 S	75—100	8 in.	8 in.	11 lb.	10	1.65
715 S	150—200	10½ in.	10¼ in.	20 lb.	10	2.15

DEEP BOWL REFLECTORS

SHADE HOLDER TYPE



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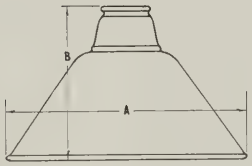


WITH NECK FOR STANDARD 2¼-INCH SHADE HOLDER

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
1000	50—60	8 in.	5¼ in.	15 lb.	10	$1.50
1005	75—100	8 in.	6 in.	18 lb.	10	1.60
1010	150—200	10 in.	7½ in.	25 lb.	10	2.00

WITH HOLDER FOR BRASS SHELL SOCKET

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
1000 B	50—60	5¼ in.	5½ in.	15 lb.	10	$1.70
1005 B	75—100	6 in.	6¼ in.	18 lb.	10	1.80
1010 B	150—200	7½ in.	7¾ in.	25 lb.	10	2.20

WITH HOLDER FOR PORCELAIN SOCKET

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
1000 P	50—60	5¼ in.	5½ in.	15 lb.	10	$1.70
1005 P	75—100	6 in.	6¼ in.	18 lb.	10	1.80
1010 P	150—200	7½ in.	7¾ in.	25 lb.	10	2.20

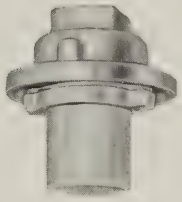
WITH HOLDER FOR WEATHERPROOF ALUMINUM SOCKET

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
1000 S	50—60	5¼ in.	5½ in.	15 lb.	10	$1.70
1005 S	75—100	6 in.	6¼ in.	18 lb.	10	1.80
1010 S	150—200	7½ in.	7¾ in.	25 lb.	10	2.20

SOCKETS and ACCESSORIES

No. 30

No. 30 S.A.
(shock-absorbing)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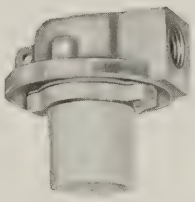

No. 33

No. 30PS
(Pull Socket)

PORCELAIN SOCKETS WITH FITTINGS

Catalog Number	Lamp Base	Size Tapped	Standard Package	List Price
30	Med.	½ in.	10	$ .90
30 PS	Med.	½ in.	10	1.70
30 S.A.	Med.	½ in.	10	1.00
31	Med.	½ in.	10	.90
33	Med.	½ in.	10	.90
36	Mogul	½ in.	5	1.50
36 S.A.	Mogul	½ in.	5	1.60

Sockets Tapped ¾" upon request

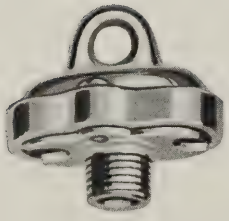
No. 36

ALUMINUM WEATHERPROOF SOCKET

For All Reflectors with "S" Type Holder

Catalog Number	Lamp Base	Size Tapped	Standard Package	List Price
35	Med.	½ in.	10	$ .60

WEATHERPROOF SUSPENSION FITTINGS WITH INSULATED WIRE OPENINGS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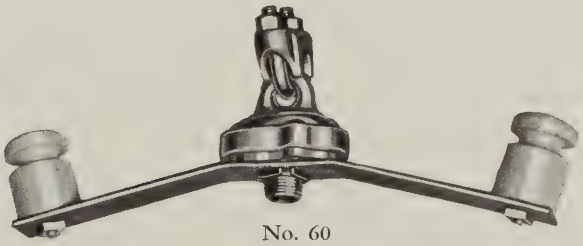
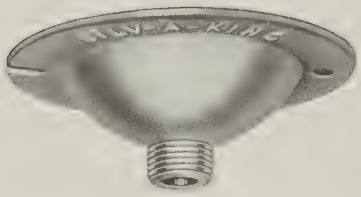

No. 60

No. 64

Catalog Number	Size Tapped	Finish	Standard Package	List Price
60	½ in.	Cad.	10	$1.35
62	½ in.	Cad.	10	.55
64	½ in.	Cad.	10	.20

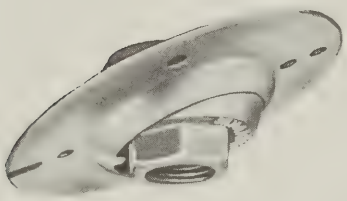
ACCESSORIES



CAST IRON COVER

For 3¼ in. or 4 in. Outlet Box

Catalog Number	Size Tapped	Finish	Standard Package	List Price
72	½ in.	Cadmium	10	$ .25



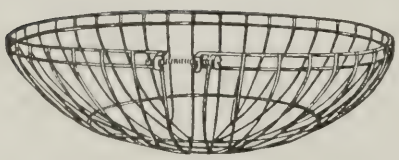
45° BALL FIXTURE ALIGNER

For 3¼ in. or 4 in. Outlet Box

Catalog Number	Size Tapped	Finish	Standard Package	List Price
74	½ in.	Cadmium	10	$ .30

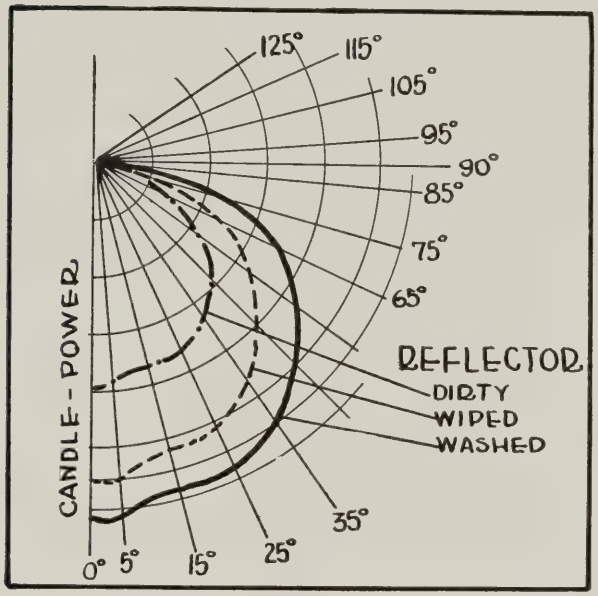
WIRE GUARDS

Lamp guards listed below are constructed of heavy steel wire spot-welded and brightly tinned after completion. These guards are made to fit SILV-A-KING Reflectors.



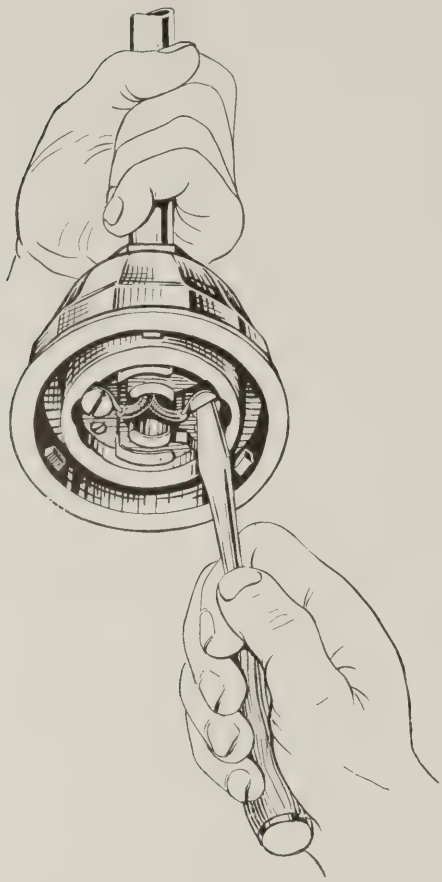
Catalog Number	Diameter	Standard Package	List Price
83	8 in.	10	$ .85
84	10 in.	10	1.20
85	12 in.	10	1.50
86	14 in.	10	1.80
88	16 in.	10	2.10
89	18 in.	5	2.50
91	20 in.	5	2.80

MAINTAIN
AN EFFICIENT LIGHTING SYSTEM



To convert wattage buried in dust and dirt into wattage of useful illumination, reflectors should be washed or wiped periodically. It is estimated that 40% of the electric light bills can be lost in dirt and dust through neglect. In the average shop, reflectors and lamp bulbs should be wiped at least once every two weeks and washed with warm water and household ammonia every four or five weeks.

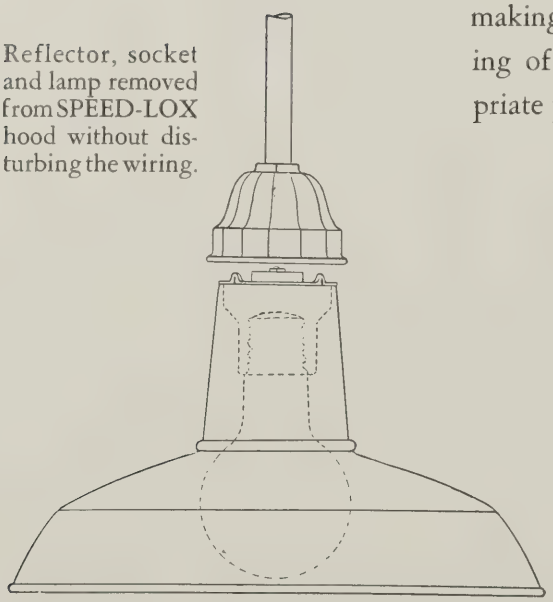
It is the purpose of the new SILV-A-KING line of SPEED-LOX reflectors to provide a simplified means of solving the reflector maintenance problem confronting the industrial consumer. As illustrated on the following page, our engineering division, cognizant of the value of a periodical maintenance program, has developed a fool-proof and positive mechanism which we believe to be the last word in detachable reflector equipment. One turn and the reflector, lamp and socket can be removed without disturbing the wiring. Reflectors can then be cleaned in an out of the way place eliminating the possibility of spoilage of material in a working area due to scattering of dust.



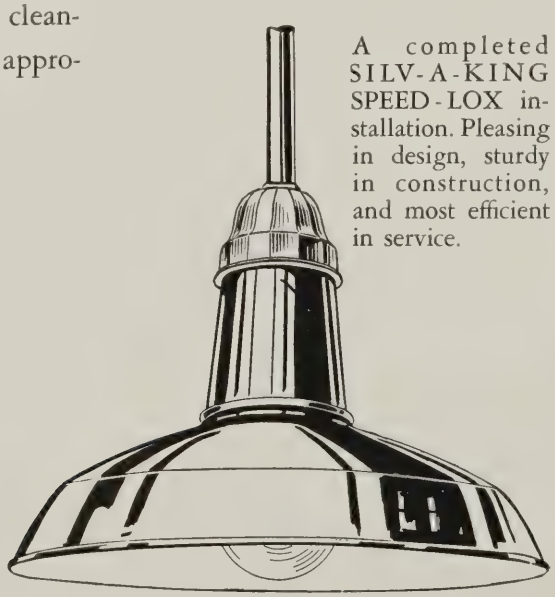
"SPEED-LOX" LIGHTING EQUIPMENT

for EASIER WIRING and MAINTENANCE

An upward pressure and a slight turn to the right — reflector is on; an upward pressure and a slight turn to the left — reflector is off. The simplicity of attaching and detaching SPEED-LOX Reflectors eliminates the carrying of pails and rags up a ladder, making possible the cleaning of units in an appropriate place.

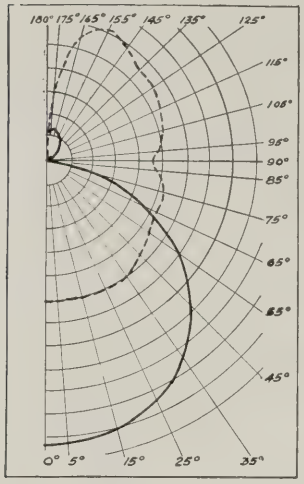


Reflector, socket and lamp removed from SPEED-LOX hood without disturbing the wiring.

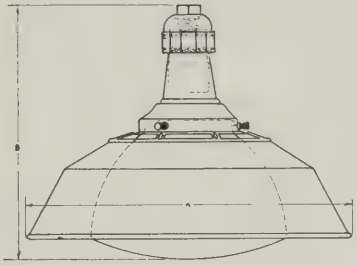


A completed SILV-A-KING SPEED-LOX installation. Pleasing in design, sturdy in construction, and most efficient in service.

"SPEED-LOX" GLASSTEEL DIFFUSERS



TESTED BY E. T. L.



UNIT COMPLETE WITH PENDANT HOOD AND GLOBE

Hoods Tapped for ½" Pipe Are Standard. Tapped for ¾" Upon Request.

With Opal Globe		With Daylight Blue Globe		Size	Dimensions		Standard Package	
Catalog Number	List Price	Catalog Number	List Price	of Lamp in Watts	"A" Diam.	"B" Height	Quan.	Weight
21518	$9.30	21518B	$9.80	150—200	18 in.	13¾ in.	4	55 lb.
21520	12.90	21520B	13.65	300—500	20 in.	15½ in.	4	70 lb.
21524	18.90	21524B	20.65	750—1500	24 in.	18⅜ in.	2	78 lb.

UNIT COMPLETE WITH CEILING HOOD AND GLOBE

Adaptable to Standard 3 or 4 Inch Outlet Box

With Opal Globe		With Daylight Blue Globe		Size	Dimensions		Standard Package	
Catalog Number	List Price	Catalog Number	List Price	of Lamp in Watts	"A" Diam.	"B" Height	Quan.	Weight
22518	$9.30	22518B	$9.80	150—200	18 in.	13⅜ in.	4	59 lb.
22520	12.90	22520B	13.65	300—500	20 in.	15⅛ in.	4	74 lb.
22524	18.90	22524B	20.65	750—1500	24 in.	18¼ in.	2	82 lb.

UNIT COMPLETE WITH ANGLE FITTING AND GLOBE

Hoods Tapped for ½" Pipe Are Standard. Tapped for ¾" Upon Request.

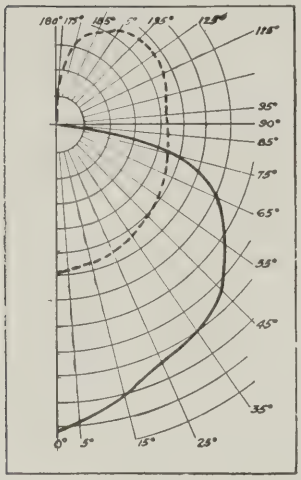
With Opal Globe		With Daylight Blue Globe		Size	Dimensions		Standard Package	
Catalog Number	List Price	Catalog Number	List Price	of Lamp in Watts	"A" Diam.	"B" Height	Quan.	Weight
23518	$9.30	23518B	$9.80	150—200	18 in.	14⅜ in.	4	56 lb.
23520	12.90	23520B	13.65	300—500	20 in.	16⅛ in.	4	71 lb.
23524	18.90	23524B	20.65	750—1500	24 in.	19¼ in.	2	79 lb.

When Ordering Globes for Replacement, see Page 45

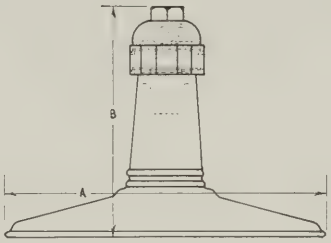
SILV-A-KING SPEED-LOX GLASSTEEL DIFFUSERS are regularly furnished in Open Type unless closed type is specified.

See Page 45 for Full Description and Illustration.

"SPEED-LOX"
SHALLOW DOME REFLECTORS



TESTED BY E. T. L.



REFLECTOR COMPLETE WITH PENDANT HOOD

Hoods Tapped for ½" Pipe Are Standard. Tapped for ¾" Upon Request.

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
24412	75—100	12 in.	9⅝ in.	42 lb.	10	$3.50
24414	150	14 in.	10¾ in.	46 lb.	10	3.80
24416	200	16 in.	11⅝ in.	32 lb.	5	4.40
24418	300—500	18 in.	12⅞ in.	40 lb.	5	5.70

REFLECTOR COMPLETE WITH CEILING HOOD

Adaptable to Standard 3 or 4 inch outlet boxes

25412	75—100	12 in.	9¼ in.	48 lb.	10	$3.50
25414	150	14 in.	10⅜ in.	52 lb.	10	3.80
25416	200	16 in.	11¼ in.	38 lb.	5	4.40
25418	300—500	18 in.	12½ in.	46 lb.	5	5.70

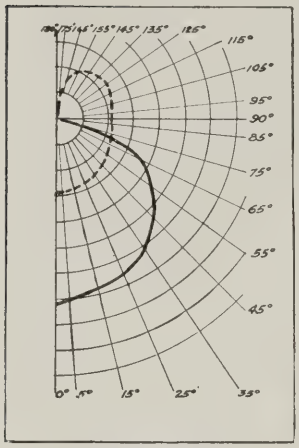
REFLECTOR COMPLETE WITH ANGLE HOOD

Hoods Tapped for ½" Pipe Are Standard. Tapped for ¾" Upon Request.

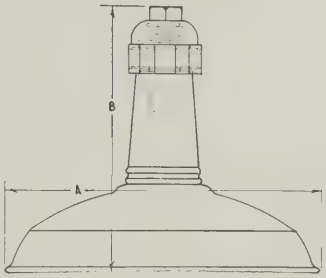
26412	75—100	12 in.	10¼ in.	47 lb.	10	$3.50
26414	150	14 in.	11⅜ in.	51 lb.	10	3.80
26416	200	16 in.	12¼ in.	37 lb.	5	4.40
26418	300—500	18 in.	13½ in.	45 lb.	5	5.70

SILV-A-KING reflectors listed on this page are supplied with a satin finished, aluminum auxiliary reflector which fits closely around the neck of the lamp, and utilizes the light usually lost in the neck of the reflector, thereby increasing the total light output approximately five percent (5%).

"SPEED-LOX"
STANDARD DOME REFLECTORS



TESTED BY E. T. L.



REFLECTOR COMPLETE WITH CEILING HOOD

Hoods Tapped for ½" Pipe Are Standard. Tapped for ¾" Upon Request.

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
24512	75—100	12 in.	10⅛ in.	43 lb.	10	$3.50
24514	150	14 in.	11½ in.	51 lb.	10	3.80
24516	200	16 in.	12⅝ in.	32 lb.	5	4.40
24518	300—500	18 in.	13¾ in.	44 lb.	5	5.70
24522	750—1500	22 in.	16⅞ in.	55 lb.	5	7.60

REFLECTOR COMPLETE WITH OUTLET HOOD

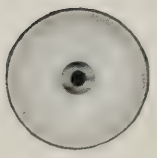
Adaptable to Standard 3 or 4 inch outlet boxes

25512	75—100	12 in.	9¾ in.	49 lb.	10	$3.50
25514	150	14 in.	11⅛ in.	57 lb.	10	3.80
25516	200	16 in.	12¼ in.	38 lb.	5	4.40
25518	300—500	18 in.	13⅜ in.	50 lb.	5	5.70
25522	750—1500	22 in.	16½ in.	61 lb.	5	7.60

REFLECTOR COMPLETE WITH ANGLE HOOD

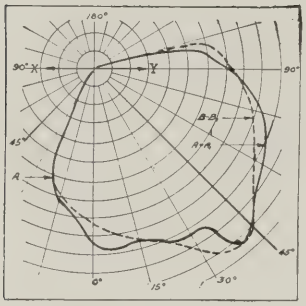
Hoods Tapped for ½" Pipe Are Standard. Tapped for ¾" Upon Request.

26512	75—100	12 in.	10¾ in.	48 lb.	10	$3.50
26514	150	14 in.	12⅛ in.	56 lb.	10	3.80
26516	200	16 in.	13¼ in.	37 lb.	5	4.40
26518	300—500	18 in.	14⅜ in.	49 lb.	5	5.70
26522	750—1500	22 in.	17½ in.	60 lb.	5	7.60



SILV-A-KING reflectors listed on this page are supplied with a satin finished, aluminum auxiliary reflector which fits closely around the neck of the lamp, and utilizes the light usually lost in the neck of the reflector, thereby increasing the total light output approximately five percent (5%).

"SPEED-LOX"
CIRCULAR ANGLE REFLECTORS



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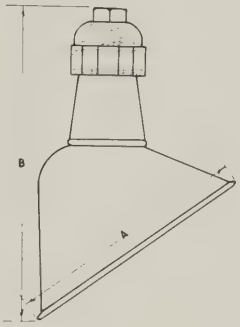


REFLECTOR COMPLETE WITH PENDANT HOOD

Hoods Tapped for ½" Pipe Are Standard. Tapped for ¾" Upon Request.

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
24600	60—100	8 in.	11⅜ in.	36 lb.	10	$3.00
24610	150—200	10½ in.	13⅜ in.	43 lb.	10	3.75
24620	300—500	12 in.	17⅞ in.	38 lb.	5	5.35
24650	750—1500	16 in.	21¾ in.	44 lb.	5	8.00

REFLECTOR COMPLETE WITH CEILING HOOD

Adaptable to Standard 3 or 4 inch outlet boxes

25600	60—100	8 in.	11 in.	42 lb.	10	$3.00
25610	150—200	10½ in.	13 in.	49 lb.	10	3.75
25620	300—500	12 in.	17½ in.	44 lb.	5	5.35
25650	750—1500	16 in.	21⅜ in.	50 lb.	5	8.00

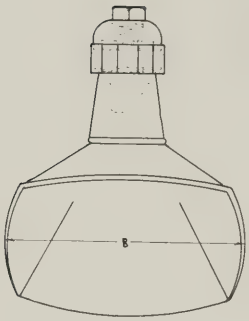
REFLECTOR COMPLETE WITH ANGLE HOOD

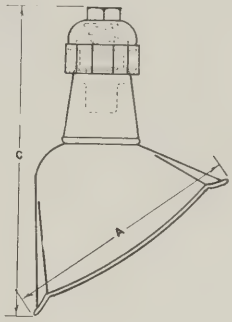
Hoods Tapped for ½" Pipe Are Standard. Tapped for ¾" Upon Request.

26605	60—100	8 in.	12 in.	41 lb.	10	$3.00
26615	150—200	10½ in.	14 in.	48 lb.	10	3.75
26620	300—500	12 in.	18½ in.	43 lb.	5	5.35
26650	750—1500	16 in.	22⅜ in.	49 lb.	5	8.00

SILV-A-KING reflectors listed on this page are supplied with a satin finished, aluminum auxiliary reflector which fits closely around the neck of the lamp, and utilizes the light usually lost in the neck of the reflector, thereby increasing the total light output approximately five percent (5%).

"SPEED-LOX"
RECTANGULAR ANGLE REFLECTORS





FOR E.T.L. DISTRIBUTION CURVE SEE PAGE 27

REFLECTOR COMPLETE WITH CEILING HOOD

Hoods Tapped for ½" Pipe Are Standard. Tapped for ¾" Upon Request.

Catalog Number	Size of Lamp	Dim. of Rectangle "A"	Dim. of Rectangle "B"	"C" Height	Weight Stand. Pkge.	Standard Package	List Price
24800	60—100	6¾ in.	8¼ in.	11⅜ in.	36 lb.	10	$3.15
24810	150—200	9¼ in.	10¾ in.	13⅜ in.	43 lb.	10	4.25
24820	300—500	11 in.	13 in.	17⅞ in.	38 lb.	5	6.55
24850	750—1500	15 in.	16 in.	21¾ in.	44 lb.	5	9.65

REFLECTOR COMPLETE WITH OUTLET HOOD

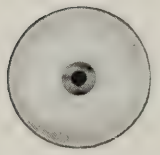
Adaptable to Standard 3 or 4 inch outlet boxes

25800	60—100	6¾ in.	8¼ in.	11 in.	42 lb.	10	$3.15
25810	150—200	9¼ in.	10¾ in.	13 in.	49 lb.	10	4.25
25820	300—500	11 in.	13 in.	17½ in.	44 lb.	5	6.55
25850	750—1500	15 in.	16 in.	21⅜ in.	50 lb.	5	9.65

REFLECTOR COMPLETE WITH ANGLE HOOD

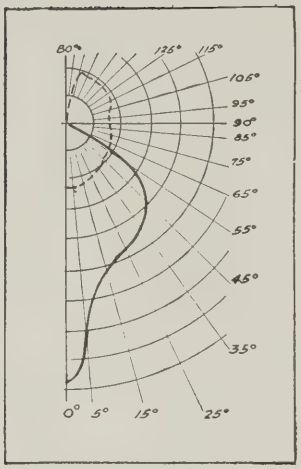
Hoods Tapped for ½" Pipe Are Standard. Tapped for ¾" Upon Request.

26805	60—100	6¾ in.	8¼ in.	12 in.	41 lb.	10	$3.15
26815	150—200	9¼ in.	10¾ in.	14 in.	48 lb.	10	4.25
26820	300—500	11 in.	13 in.	18½ in.	43 lb.	5	6.55
26850	750—1500	15 in.	16 in.	22⅜ in.	49 lb.	5	9.65



SILV-A-KING reflectors listed on this page are supplied with a satin finished, aluminum auxiliary reflector which fits closely around the neck of the lamp, and utilizes the light usually lost in the neck of the reflector, thereby increasing the total light output approximately five percent (5%).

"SPEED-LOX"
DEEP BOWL REFLECTORS



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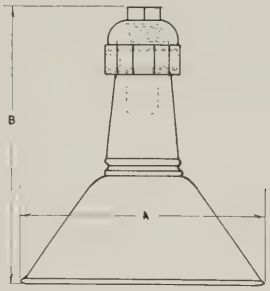


REFLECTOR COMPLETE WITH PENDANT HOOD

Hoods Tapped for ½" Pipe Are Standard. Tapped for ¾" Upon Request.

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
24900	50—60	8 in.	9⅜ in.	34 lb.	10	$3.20
24905	75—100	8 in.	11 in.	36 lb.	10	3.40
24910	150—200	10 in.	11¾ in.	43 lb.	10	3.80
24920	300—500	12 in.	14¾ in.	38 lb.	5	5.60
24950	750—1500	16 in.	18⅝ in.	46 lb.	5	6.80

REFLECTOR COMPLETE WITH CEILING HOOD

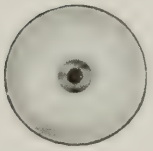
Adaptable to Standard 3 or 4 inch outlet boxes

25900	50—60	8 in.	9 in.	37 lb.	10	$3.20
25905	75—100	8 in.	10⅝ in.	39 lb.	10	3.40
25910	150—200	10 in.	11⅜ in.	46 lb.	10	3.80
25920	300—500	12 in.	14⅜ in.	41 lb.	5	5.60
25950	750—1500	16 in.	18¼ in.	49 lb.	5	6.80

REFLECTOR COMPLETE WITH ANGLE HOOD

Hoods Tapped for ½" Pipe Are Standard. Tapped for ¾" Upon Request.

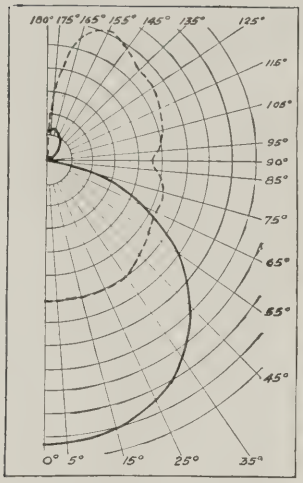
26900	50—60	8 in.	10 in.	36 lb.	10	$3.20
26905	75—100	8 in.	11⅝ in.	38 lb.	10	3.40
26910	150—200	10 in.	12⅜ in.	45 lb.	10	3.80
26920	300—500	12 in.	15⅜ in.	40 lb.	5	5.60
26950	750—1500	16 in.	19¼ in.	48 lb.	5	6.80



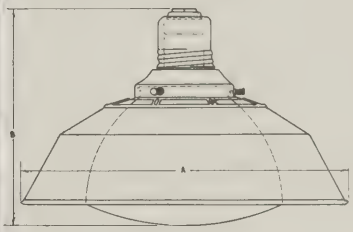
SILV-A-KING reflectors listed on this page are supplied with a satin finished, aluminum auxiliary reflector which fits closely around the neck of the lamp, and utilizes the light usually lost in the neck of the reflector, thereby increasing the total light output approximately five percent (5%).

GLASSTEEL DIFFUSERS

RR THREADED TYPE



TESTED BY E. T. L.



Catalog Number	Type of Reflector	Type of Globe	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
1518	Open	Opal	150-200	18 in.	11¾ in.	52 lb.	4	$9.00
1518 C.	Closed	Opal	150-200	18 in.	11¾ in.	52 lb.	4	9.00
1520	Open	Opal	300-500	20 in.	13¾ in.	67 lb.	4	12.50
1520 C.	Closed	Opal	300-500	20 in.	13¾ in.	67 lb.	4	12.50
1518 B.	Open	Daylight Blue	150-200	18 in.	11¾ in.	52 lb.	4	9.50
1518 C.B.	Closed	Daylight Blue	150-200	18 in.	11¾ in.	52 lb.	4	9.50
1520 B.	Open	Daylight Blue	300-500	20 in.	13¾ in.	67 lb.	4	13.25
1520 C.B.	Closed	Daylight Blue	300-500	20 in.	13¾ in.	67 lb.	4	13.25

Fittings Tapped for ½" Pipe are Standard. Tapped ¾" Upon Request.

Upon request the above units may be had with Outlet Box Hood for mounting direct to and covering a four-inch Round Outlet Box at no additional cost.

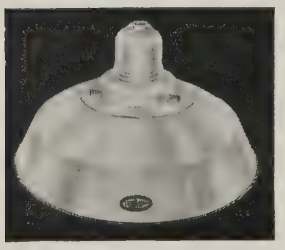
Shock Absorbing Sockets for Pendant or Outlet Hoods can be furnished at 10c additional list.

Opal Globes for Replacement

Catalog Number	Size of Lamp	List Price
1510	150—200	$2.30
1512	300—500	3.60
1516	750—1500	7.25

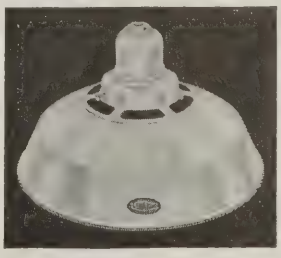
Daylight Blue Globes for Replacement

Number Catalog	Size of Lamp	List Price
1510 B	150—200	$2.80
1512 B	300—500	4.35
1516 B	750—1500	9.00



1518C — Closed

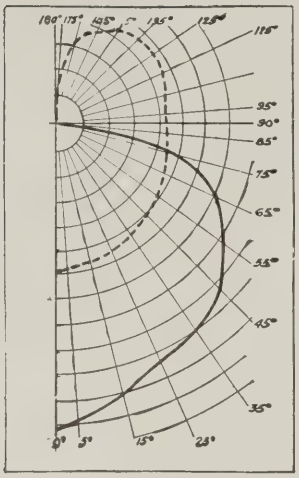
SILV-A-KING GLASSTEEL DIFFUSERS provide evenly diffused illumination. The open type throws a small amount of light on the ceiling, whereas the closed type reflects all the light on the working plane. These units are most desirable for factories, offices and workrooms where efficiency and a pleasing touch of distinction is desired. They are finished in white porcelain enamel both inside and out.



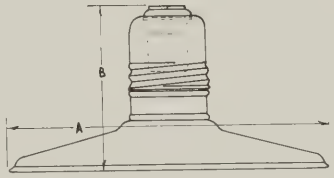
1518 — Open

SHALLOW DOME REFLECTORS

RR THREADED TYPE



TESTED BY E. T. L.



WITH PENDANT HOOD AND SOCKET

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
2412 P.H.	75—100	12 in.	7¾ in.	29 lb.	10	$3.20
2414 P.H.	150	14 in.	8⅜ in.	35 lb.	10	3.50
2416 P.H.	200	16 in.	9 in.	42 lb.	10	4.10
2418 P.H.	300—500	18 in.	10¼ in.	35 lb.	5	5.30

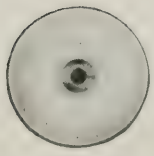
WITH 4-INCH OUTLET BOX HOOD AND SOCKET

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
2412 O.H.	75—100	12 in.	7 in.	29 lb.	10	$3.20
2414 O.H.	150	14 in.	7⅝ in.	35 lb.	10	3.50
2416 O.H.	200	16 in.	8¼ in.	42 lb.	10	4.10
2418 O.H.	300—500	18 in.	9½ in.	35 lb.	5	5.30

FOR PULL CHAIN SOCKET ADD 80c. LIST

Shock Absorbing Socket can be supplied with Pendant or Outlet Hood at 10c additional list.
Threaded Type Reflectors without Hoods can be supplied for replacement.

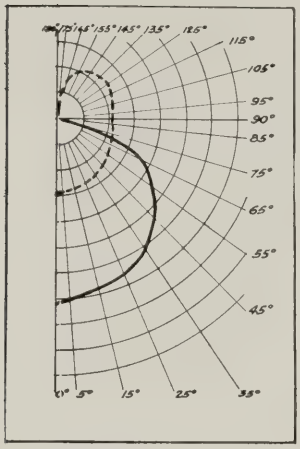
Sockets for Pendant Type reflectors include fittings tapped for half-inch pipe. Fittings tapped for three-quarter inch pipe can be furnished upon request, at no additional cost.



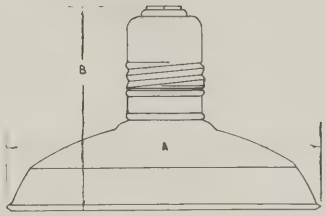
SILV-A-KING reflectors listed on this page are supplied with a satin finished, aluminum auxiliary reflector which fits closely around the neck of the lamp, and utilizes the light usually lost in the neck of the reflector, thereby increasing the total light output approximately five percent (5%).

STANDARD DOME REFLECTORS

RR THREADED TYPE



TESTED BY E. T. L.



WITH PENDANT HOOD AND SOCKET

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
2512 P.H.	75—100	12 in.	8½ in.	32 lb.	10	$3.30
2514 P.H.	150	14 in.	9¼ in.	40 lb.	10	3.50
2516 P.H.	200	16 in.	10¼ in.	27 lb.	5	4.10
2518 P.H.	300—500	18 in.	10⅞ in.	36 lb.	5	5.30
2522 P.H.	750—1500	22 in.	14½ in.	50 lb.	5	7.20

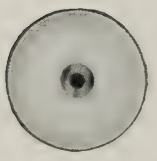
WITH 4-INCH ROUND OUTLET BOX HOOD AND SOCKET

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
2512 O.H.	75—100	12 in.	7¾ in.	32 lb.	10	$3.30
2514 O.H.	150	14 in.	8½ in.	40 lb.	10	3.50
2516 O.H.	200	16 in.	9½ in.	27 lb.	5	4.10
2518 O.H.	300—500	18 in.	10⅛ in.	36 lb.	5	5.30
2522 O.H.	750—1500	22 in.	14¾ in.	50 lb.	5	7.20

FOR PULL CHAIN SOCKET ADD 80c. LIST

Shock Absorbing Socket can be supplied with Pendant or Outlet Hood at 10c additional list.
Threaded Type Reflectors without Hoods can be supplied for replacement.

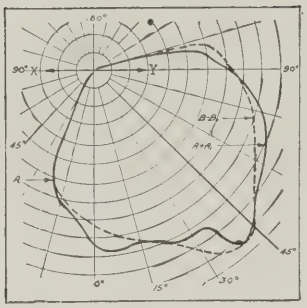
Sockets for Pendant Type reflectors include fittings tapped for half-inch pipe. Fittings tapped for three-quarter inch pipe can be furnished upon request, at no additional cost.



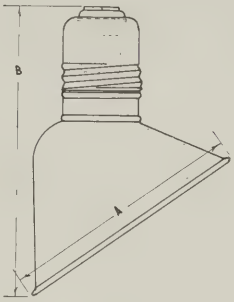
SILV-A-KING reflectors listed on this page are supplied with a satin finished, aluminum auxiliary reflector which fits closely around the neck of the lamp, and utilizes the light usually lost in the neck of the reflector, thereby increasing the total light output approximately five percent (5%).

CIRCULAR ANGLE REFLECTORS

RR THREADED TYPE



TESTED BY E. T. L.



WITH PENDANT HOOD AND SOCKET

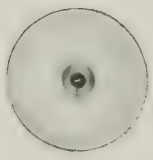
Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
2600 P.H.	100	8 in.	10⅞ in.	26 lb.	10	$2.90
2610 P.H.	150—200	10 in.	12⅝ in.	34 lb.	10	3.45
2620 P.H.	300—500	12 in.	15¼ in.	28 lb.	5	4.95
2650 P.H.	750—1500	16 in.	20¼ in.	40 lb.	5	7.60

WITH 4-INCH OUTLET BOX HOOD AND SOCKET

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
2600 O.H.	100	8 in.	10⅛ in.	24 lb.	10	$2.90
2610 O.H.	150—200	10 in.	11⅞ in.	32 lb.	10	3.45
2620 O.H.	300—500	12 in.	14½ in.	25 lb.	5	4.95
2650 O.H.	750—1500	16 in.	19½ in.	40 lb.	5	7.60

FOR PULL CHAIN SOCKET ADD 80c. LIST

Shock Absorbing Socket can be supplied with Pendant or Outlet Hood at 10c additional list.
Threaded Type Reflectors without Hoods can be supplied for replacement.

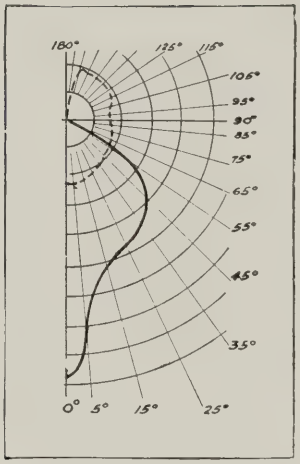


Sockets for Pendant Type reflectors include fittings tapped for half-inch pipe. Fittings tapped for three-quarter inch pipe can be furnished upon request, at no additional cost.

SILV-A-KING reflectors listed on this page are supplied with a satin finished, aluminum auxiliary reflector which fits closely around the neck of the lamp, and utilizes the light usually lost in the neck of the reflector, thereby increasing the total light output approximately five percent (5%).

DEEP BOWL REFLECTORS

RR THREADED TYPE



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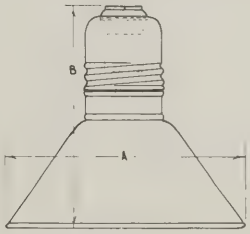


WITH PENDANT HOOD AND SOCKET

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
2905 P.H.	75—100	8 in.	8¾ in.	24 lb.	10	$3.10
2910 P.H.	150—200	10 in.	10⅛ in.	32 lb.	10	3.50
2920 P.H.	300—500	12 in.	12¼ in.	25 lb.	5	5.20
2950 P.H.	750—1500	16 in.	16⅛ in.	40 lb.	5	6.40

WITH 4-INCH OUTLET BOX HOOD AND SOCKET

Catalog Number	Size of Lamp	"A" Diameter	"B" Height	Weight Stand. Pkge.	Standard Package	List Price
2905 O.H.	75—100	8 in.	8 in.	24 lb.	10	$3.10
2910 O.H.	150—200	10 in.	9⅜ in.	32 lb.	10	3.50
2920 O.H.	300—500	12 in.	11½ in.	25 lb.	5	5.20
2950 O.H.	750—1500	16 in.	16⅛ in.	40 lb.	5	6.40

FOR PULL CHAIN SOCKET ADD 80c. LIST

Shock Absorbing Socket can be supplied with Pendant or Outlet Hood at 10c additional list.
Threaded Type Reflectors without Hoods can be supplied for replacement.

Sockets for Pendant Type reflectors include fittings tapped for half-inch pipe. Fittings tapped for three-quarter inch pipe can be furnished upon request, at no additional cost.

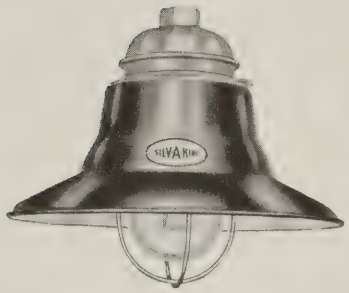
SILV-A-KING reflectors listed on this page are supplied with a satin finished, aluminum auxiliary reflector which fits closely around the neck of the lamp, and utilizes the light usually lost in the neck of the reflector, thereby increasing the total light output approximately five percent (5%).

VAPOR-PROOF UNITS

WITH SHALLOW DOME REFLECTORS

N.E.C. Standard

(Listed as Vapor-Proof by Underwriters' Laboratories)

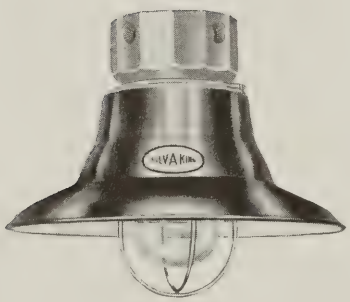


PENDANT TYPE WITH GUARD

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight	Unit Package	List Price
7412	60-100	12 in.	9½ in.	8 lb.	1	$6.75
7414	150	14 in.	11 in.	11 lb.	1	8.15
7416	200	16 in.	11 in.	12 lb.	1	8.65

PENDANT TYPE WITHOUT GUARD

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight	Unit Package	List Price
6412	60-100	12 in.	9 in.	7¼ lb.	1	$4.95
6414	150	14 in.	10½ in.	10 lb.	1	5.90
6416	200	16 in.	10½ in.	11 lb.	1	6.40



*X TYPE WITH GUARD

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight	Unit Package	List Price
8412	60-100	12 in.	9½ in.	8½ lb.	1	$6.85
8414	150	14 in.	11 in.	12 lb.	1	8.25
8416	200	16 in.	11 in.	13 lb.	1	8.75

*X TYPE WITHOUT GUARD

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight	Unit Package	List Price
9412	60-100	12 in.	9 in.	7¾ lb.	1	$5.05
9414	150	14 in.	10½ in.	11 lb.	1	6.00
9416	200	16 in.	10½ in.	12 lb.	1	6.50

CONSTRUCTION FEATURES

Unit.....Heavily cadmium plated gray-iron castings, precision machined, all pipe-receiving holes tapped half-inch with conduit stops. (Upon request these units can also be tapped for three-quarter inch pipe.)

Globe.....The above units are regularly furnished with standard vapor-proof globes. Upon specification HEAT-RESISTING GLOBES can be supplied as follows:

60-100 Watt..... $ .50 additional list
150-200 Watt..... 1.10 additional list

When ordering globes for replacement see page 55.

Guard.....Screw-type, cadmium-plated, brass guard.

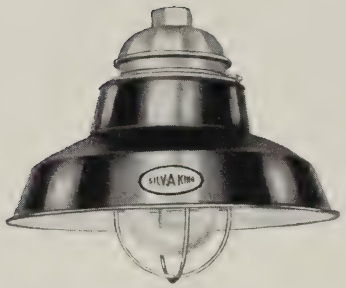
Reflector.....Heavy gauge ingot iron, acid-resisting white porcelain enamel inside, green outside.

**X Type Units are tapped four ways and are furnished with three Plugs, making this unit adaptable and universal for all installations.*

VAPOR-PROOF UNITS

WITH STANDARD DOME REFLECTORS — N.E.C. Standard

(Listed as Vapor-Proof by Underwriters' Laboratories)



PENDANT TYPE WITH GUARD

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight	Unit Package	List Price
7512	60-100	12 in.	9½ in.	9 lb.	1	$7.25
7514	150	14 in.	11 in.	12 lb.	1	8.65
7516	200	16 in.	11 in.	12½ lb.	1	9.15

PENDANT TYPE WITHOUT GUARD

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight	Unit Package	List Price
6512	60-100	12 in.	9 in.	8¼ lb.	1	$5.45
6514	150	14 in.	10½ in.	11 lb.	1	6.40
6516	200	16 in.	10½ in.	11½ lb.	1	6.90

*X TYPE WITH GUARD

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight	Unit Package	List Price
8512	60-100	12 in.	9½ in.	9½ lb.	1	$7.35
8514	150	14 in.	11 in.	12½ in.	1	8.75
8516	200	16 in.	11 in.	13 lb.	1	9.25

*X TYPE WITHOUT GUARD

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight	Unit Package	List Price
9512	60-100	12 in.	9 in.	8¼ lb.	1	$5.55
9514	150	14 in.	10½ in.	11½ lb.	1	6.50
9516	200	16 in.	10½ in.	12 lb.	1	7.00

CONSTRUCTION FEATURES

Unit.....Heavily cadmium plated gray-iron castings, precision machined, all pipe-receiving holes tapped half-inch with conduit stops. (Upon request these units can also be tapped for three-quarter inch pipe.)

Globe.....The above units are regularly furnished with standard vapor-proof globes. Upon specification HEAT-RESISTING GLOBES can be supplied as follows:

60-100 Watt..... $ .50 additional list
150-200 Watt..... 1.10 additional list

When ordering globes for replacement see page 55.

Guard.....Screw-type, cadmium-plated, brass guard.

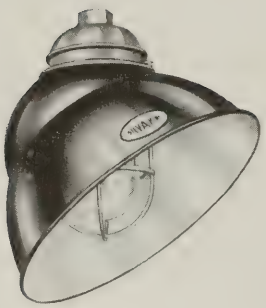
Reflector.....Heavy gauge ingot iron, acid-resisting white porcelain enamel inside, green outside.

**X Type Units are tapped four ways and are furnished with three Plugs, making this unit adaptable and universal for all installations.*

VAPOR-PROOF UNITS

WITH ANGLE TYPE REFLECTORS — N.E.C. Standard

(Listed as Vapor-Proof by Underwriters' Laboratories)



PENDANT TYPE WITH GUARD

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight	Unit Package	List Price
7612	60-100	12 in.	11¾ in.	8¾ lb.	1	$7.25
7616	150-200	16 in.	15¾ in.	13 lb.	1	8.90

PENDANT TYPE WITHOUT GUARD

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight	Unit Package	List Price
6612	60-100	12 in.	11¾ in.	8 lb.	1	$5.45
6616	150-200	16 in.	15¾ in.	12 lb.	1	6.65

*X TYPE WITH GUARD

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight	Unit Package	List Price
8612	60-100	12 in.	11¾ in.	9¼ lb.	1	$7.35
8616	150-200	16 in.	15¾ in.	13¾ lb.	1	9.00

*X TYPE WITHOUT GUARD

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight	Unit Package	List Price
9612	60-100	12 in.	11¾ in.	8½ lb.	1	$5.55
9616	150-200	16 in.	15¾ in.	12¾ lb.	1	6.75

CONSTRUCTION FEATURES

Unit.....Heavily cadmium plated gray-iron castings, precision machined, all pipe-receiving holes tapped half-inch with conduit stops. (Upon request these units can also be tapped for three-quarter inch pipe.)

Globe.....The above units are regularly furnished with standard vapor-proof globes. Upon specification HEAT-RESISTING GLOBES can be supplied as follows:

60-100 Watt..... $ .50 additional list

150-200 Watt..... 1.10 additional list

When ordering globes for replacement see page 55.

Guard.....Screw-type, cadmium-plated, brass guard.

Reflector.....Heavy gauge ingot iron, acid-resisting white porcelain enamel inside, green outside.

**X Type Units are tapped four ways and are furnished with three Plugs, making this unit adaptable and universal for all installations.*

PORCELAIN ENAMELED

STEEL REFLECTORS

FOR SILV-A-KING VAPOR-PROOF UNITS

STANDARD DOME TYPE

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight Stand. Pkge.	Standard Package	List Price
10512	60-100	12 in.	5⅝ in.	26 lb.	10	$2.75
10514	150	14 in.	6⅞ in.	33 lb.	10	3.25
10516	200	16 in.	7⅞ in.	42 lb.	10	3.75

SHALLOW DOME TYPE

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight Stand. Pkge.	Standard Package	List Price
10412	60-100	12 in.	5⅛ in.	21 lb.	10	$2.25
10414	150	14 in.	6⅛ in.	30 lb.	10	2.75
10416	200	16 in.	7⅛ in.	42 lb.	10	3.25

30° ANGLE TYPE

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight Stand. Pkge.	Standard Package	List Price
10612	60-100	12 in.	9⅝ in.	31 lb.	10	$2.75
10616	150-200	16 in.	12⅛ in.	41 lb.	10	3.50

The above reflectors are equipped with cast brass, cadmium-plated screw rings which are adaptable to all externally threaded SILV-A-KING Vapor-Proof units.

When ordering reflectors for replacement, be sure that the lamp size of the reflector corresponds to that of the Vapor-Proof unit.

VAPOR-PROOF LIGHTING UNITS

N.E.C. STANDARD

(Listed as Vapor-Proof by Underwriters' Laboratories)

PENDANT TYPE UNITS WITHOUT GUARD

Catalog Number	Size of Lamp	Standard Package	Weight	List Price
6100	60-100	10	52 lb.	$2.70
6200	150-200	5	38 lb.	3.15

PENDANT TYPE UNITS WITH GUARD

Catalog Number	Size of Lamp	Standard Package	Weight	List Price
7100	60-100	10	60 lb.	$4.50
7200	150-200	5	43 lb.	5.40

*X TYPE UNITS WITHOUT GUARD

Catalog Number	Size of Lamp	Standard Package	Weight	List Price
8100	60-100	10	57-lb.	$2.80
8200	150-200	5	41 lb.	3.25

*X TYPE UNITS WITH GUARD

Catalog Number	Size of Lamp	Standard Package	Weight	List Price
9100	60-100	10	67 lb.	$4.60
9200	150-200	5	46 lb.	5.50

CONSTRUCTION FEATURES

Unit.....Heavily cadmium plated gray-iron castings, precision machined, all pipe-receiving holes tapped half-inch with conduit stops. (Upon request these units can also be tapped for three-quarter inch pipe.)

Guard.....Screw-type, cadmium-plated, brass guard.

Globe.....The above units are regularly furnished with standard vapor-proof globes. *SPECIAL GLOBES* supplied with the above units at following advance in list: *OPAL GLOBES;* $.40 for 60-100 watt size and $.90 for 150-200 watt size. *HEAT RESISTING GLOBES;* $.55 for 60-100 watt size and $1.20 for 150-200 watt size. COLORED GLOBES (ruby, green, amber, blue) $1.00 for 60-100 watt size and $1.55 for 150-200 watt size.

When ordering globes for replacement see page 55.

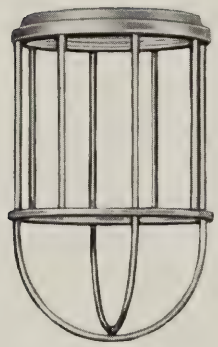
**X Type Units are tapped four ways and are furnished with three Plugs, making this unit adaptable and universal for all installations.*

VAPOR-PROOF PARTS and ACCESSORIES

SCREW TYPE GLOBES

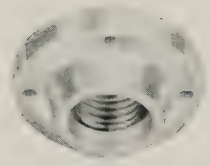
Catalog Number	Description	Size of Lamp	Standard Package	List Price
6150	Standard, Clear	60-100	10	$ .70
6151	Heat Resist., Clear	60-100	10	1.25
6152	Ruby	60-100	10	1.70
6153	Green	60-100	10	1.70
6154	Amber	60-100	10	1.70
6155	Blue	60-100	10	1.70
6156	Opal	60-100	10	1.10
6250	Standard, Clear	150-200	10	.80
6251	Heat Resist., Clear	150-200	10	2.00
6252	Ruby	150-200	10	2.35
6253	Green	150-200	10	2.35
6254	Amber	150-200	10	2.35
6255	Blue	150-200	10	2.35
6256	Opal	150-200	10	1.70

SCREW TYPE BRASS GUARDS



Catalog Number	Description	Size of Lamp	Standard Package	List Price
6350	Brass, Cadmium Plated	60-100	10	$1.80
6450	Brass, Cadmium Plated	150-200	10	2.25

PORCELAIN RECEPTACLE

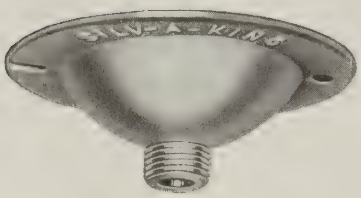


Catalog Number	Description	Standard Package	List Price
6190	For All Vapor-Proof Units	10	$ .30

GASKETS

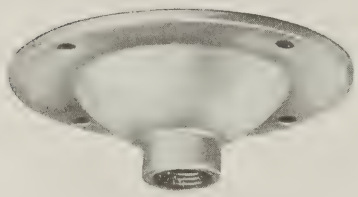
Catalog Number	Description	Standard Package	List Price
6145	For 60-100 Watt Units	20	$ .10
6245	For 150-200 Watt Units	20	.10
6165	For 4½" Cast Junction Box	20	.15

VAPOR-PROOF PARTS and ACCESSORIES



CAST IRON COVER, MALE
FOR 4½" CAST JUNCTION BOX

Catalog Number	Threaded	Finish	Stand. Pkge.	List Price
75	½"	Cadmium	10	$ .40

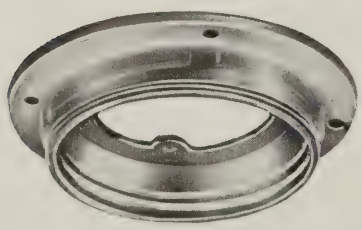


CAST IRON COVER, FEMALE
FOR 4½" CAST JUNCTION BOX

Catalog Number	Tapped	Finish	Stand. Pkge.	List Price
76	½"	Cadmium	10	$ .40

90° ANGLE WALL BRACKET
FOR 4½" CAST JUNCTION BOX

Catalog Number	Threaded	Finish	Stand. Pkge.	List Price
77	½"	Cadmium	10	$ .60

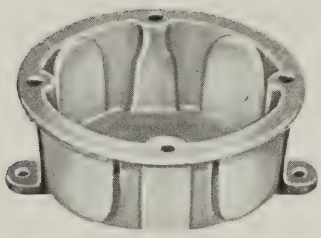


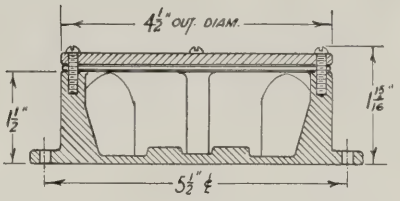
THREADED GLOBE HOLDERS
ADAPTABLE TO 4½" CAST JUNCTION BOXES

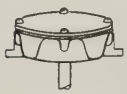
Catalog Number	Lamp Size	Finish	Stand. Pkge.	List Price
95	75—100	Cast Iron, Rust Proof	10	$ .65
96	150—200	Cast Iron, Rust Proof	10	.90

VAPOR-PROOF PARTS and ACCESSORIES

4½" CAST JUNCTION BOXES WITH MOUNTING LUGS
COMPLETE WITH COVER AND GASKET



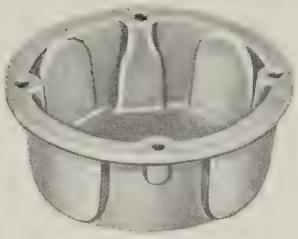


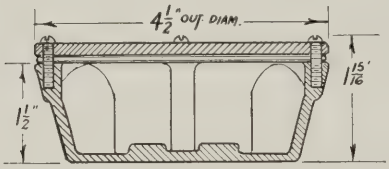
Tapping Arrangement			Cast Brass Junction Box, Cover and Gasket		Cast Iron Junction Box, Cover and Gasket	
		Size Tap	Catalog Number	List Price	Catalog Number	List Price
	No Tapping		297	$2.40	298	$1.00
	"A" Bottom	½ in. ¾ in.	297A-½ 297A-¾	2.45 2.45	298A-½ 298A-¾	1.05 1.05
	"V" One Side	½ in. ¾ in. 1 in.	297V-½ 297V-¾ 297V-1	2.45 2.45 2.50	298V-½ 298V-¾ 298V-1	1.05 1.05 1.10
	"L" Angle	½ in. ¾ in. 1 in.	297L-½ 297L-¾ 297L-1	2.50 2.50 2.60	298L-½ 298L-¾ 298L-1	1.10 1.10 1.20
	"C" Feed Through	½ in. ¾ in. 1 in.	297C-½ 297C-¾ 297C-1	2.50 2.50 2.60	298C-½ 298C-¾ 298C-1	1.10 1.10 1.20
	"T" Three Way	½ in. ¾ in. 1 in.	297T-½ 297T-¾ 297T-1	2.55 2.55 2.70	298T-½ 298T-¾ 298T-1	1.15 1.15 1.30
	"X" Four Way	½ in. ¾ in. 1 in.	297X-½ 297X-¾ 297X-1	2.60 2.60 2.80	298X-½ 298X-¾ 298X-1	1.20 1.20 1.40

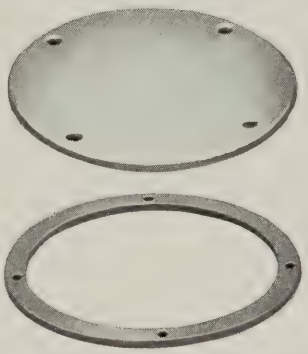
To order cast brass junction boxes only, deduct $.70 list for cover and gasket.
To order cast iron junction boxes only, deduct $.40 list for cover and gasket.

VAPOR-PROOF PARTS and ACCESSORIES

4½" CAST JUNCTION BOXES
COMPLETE WITH COVER AND GASKET





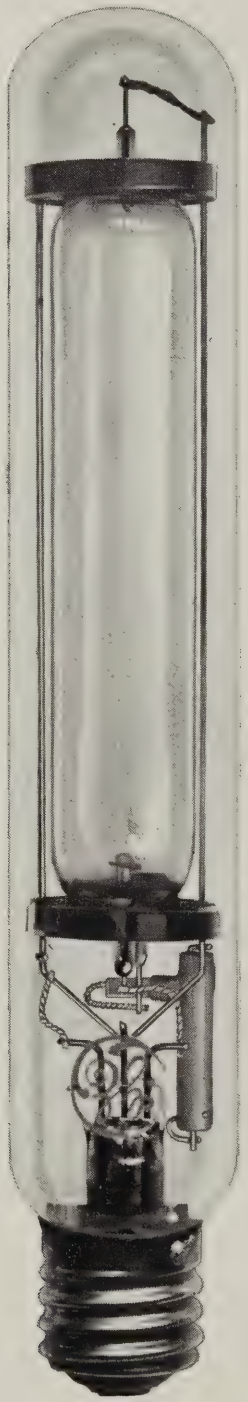


Tapping Arrangement			Cast Brass Junction Box, Cover and Gasket		Cast Iron Junction Box, Cover and Gasket	
	No Tapping	Size Tap	Catalog Number	List Price	Catalog Number	List Price
			97	$2.15	98	$ .90
	"A" Bottom	½ in.	97A-½	2.20	98A-½	.95
		¾ in.	97A-¾	2.20	98A-¾	.95
	"V" One Side	½ in.	97V-½	2.20	98V-½	.95
		¾ in.	97V-¾	2.20	98V-¾	.95
		1 in.	97V-1	2.25	98V-1	1.00
	"L" Angle	½ in.	97L-½	2.25	98L-½	1.00
		¾ in.	97L-¾	2.25	98L-¾	1.00
		1 in.	97L-1	2.35	98L-1	1.10
	"C" Feed Through	½ in.	97C-½	2.25	98C-½	1.00
		¾ in.	97C-¾	2.25	98C-¾	1.00
		1 in.	97C-1	2.35	98C-1	1.10
	"T" Three Way	½ in.	97T-½	2.30	98T-½	1.05
		¾ in.	97T-¾	2.30	98T-¾	1.05
		1 in.	97T-1	2.45	98T-1	1.20
	"X" Four Way	½ in.	97X-½	2.35	98X-½	1.10
		¾ in.	97X-¾	2.35	98X-¾	1.10
		1 in.	97X-1	2.55	98X-1	1.30

To order cast brass junction boxes only, deduct $.70 list for cover and gasket.
To order cast iron junction boxes only, deduct $.40 list for cover and gasket.

HIGH INTENSITY

MERCURY VAPOR LIGHTING EQUIPMENT



Recent developments in the perfection of High Intensity Mercury Vapor Lamps and Auxiliary Equipment have provided a new approach to better industrial lighting. More illumination per unit cost, the elimination of harsh shadows, the lessening of eye strain and the accentuation of detail are some of the advantages realized from the installation of High Intensity Mercury Vapor Units.

Essential Lamp Data

400 WATT MERCURY LAMP
Type H-1

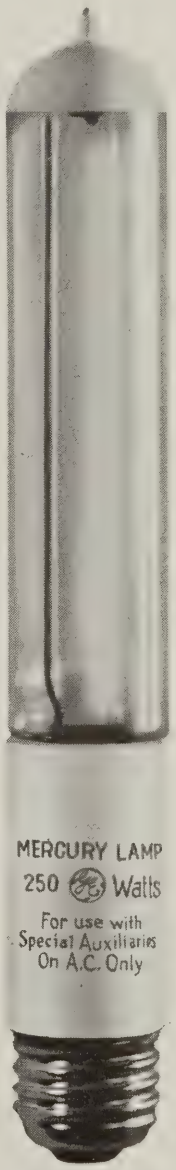
Watts, lamp only	400
Watts, with auxiliary	450
Bulb	T16
Base	Mogul Screw
Finish	Clear
Maximum overall length	13″
Light center length	7¾″
Approximate lumens	16,000
Rated Initial Lumens	40
Average lumens per watt with auxiliary	35
Average life	2000 Hrs.
Burning position	*Vertical, Base up
	Vertical, Base down

*Furnished base up unless otherwise specified.

250 WATT MERCURY LAMP
Type H-2

Watts, lamp only	250
Watts, with auxiliary	300
Bulb	T9 Tipped
Base	Medium Screw
Finish	Clear (Coated End)
Maximum overall length	8″
Light center length	5″
Approximate lumens	7,500
Rated initial lumens per watt	30
Average lumens per watt with auxiliary	25
Average life	2000 Hrs.
Burning position	Any

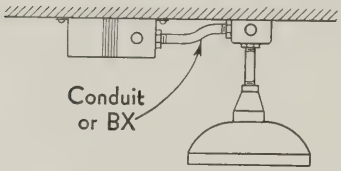
LAMPS AND AUXILIARY EQUIPMENT NOT SUPPLIED BY BRIGHT LIGHT REFLECTOR CO.



AUXILIARY EQUIPMENT

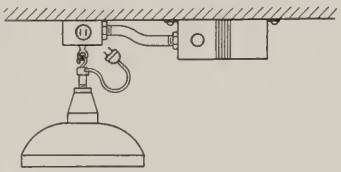
FOR HIGH INTENSITY MERCURY VAPOR UNITS

Mercury Lamps, in common with all types of gaseous discharge illuminants, require an individual ballast for each lamp, wiring should be of a size that will assure not more than normal voltage drop.

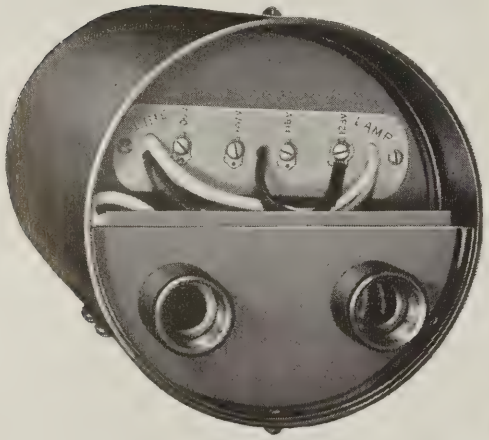


Wall Type Transformer Mounted on ceiling Near Outlet Box

Wall Mounting Type Transformer

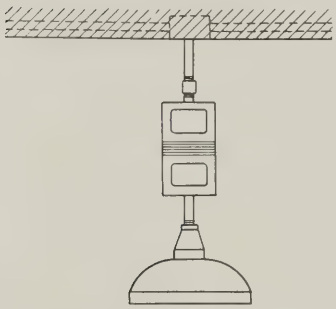


Wall Type Transformer Mounted on Ceiling near Surface Condulet Provided with Receptacle and Hook for Reflector Suspension

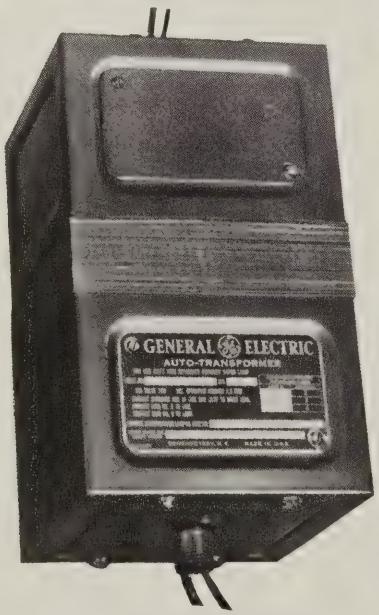


Unenclosed Core and Coil Type Transformer

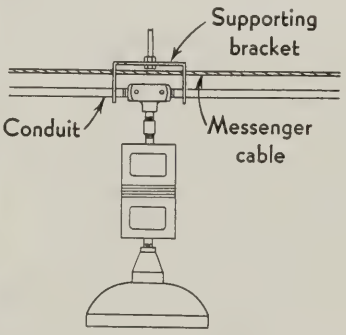
Weather-proof Transformer for Mercury Vapor Outdoor Lighting



Suspension Type Transformer Mounted to Flush Type Outlet Box



Suspension Type Transformer



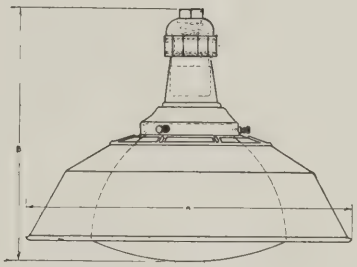
Suspension Type Transformer Mounted to Condulet and Suspended by messenger cable

LAMPS AND AUXILIARY EQUIPMENT NOT SUPPLIED BY BRIGHT LIGHT REFLECTOR CO.

HIGH INTENSITY

MERCURY VAPOR UNITS

GLASSTEEL DIFFUSER



No. 91520

SOCKET TYPE

Catalog Number	Size of Lamp	"A" Diam.	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
90520	250	20 in.	13⅝ in.	68 lb.	4	$12.50
90524	400	24 in.	16¾ in.	49 lb.	2	18.50

"SPEED-LOX" TYPE — PENDANT HOOD

Catalog Number	Size of Lamp	"A" Diam.	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
91520	250	20 in.	15½ in.	70 lb.	4	$12.80
91524	400	24 in.	18⅝ in.	50 lb.	2	18.90

"SPEED-LOX" TYPE — OUTLET HOOD

Catalog Number	Size of Lamp	"A" Diam.	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
92520	250	20 in.	15⅛ in.	74 lb.	4	$12.80
92524	400	24 in.	18¼ in.	82 lb.	2	18.90

"SPEED-LOX" TYPE — ANGLE HOOD

Catalog Number	Size of Lamp	"A" Diam.	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
93520	250	20 in.	16⅛ in.	71 lb.	4	$12.80
93524	400	24 in.	19¼ in.	79 lb.	2	18.90

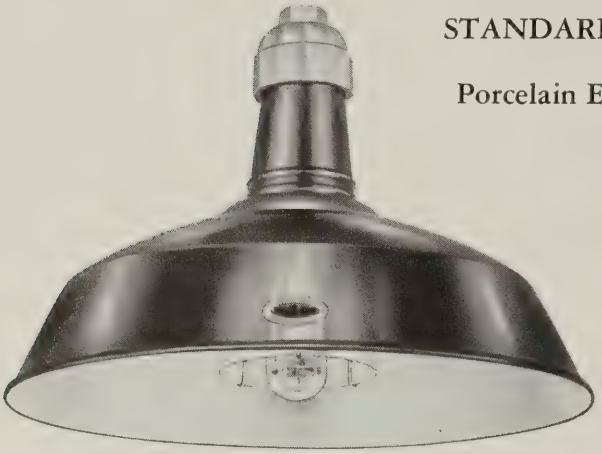
When ordering globes for replacement see page 45

HIGH INTENSITY

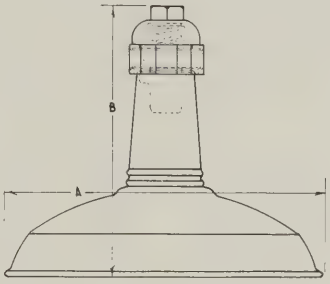
MERCURY VAPOR UNITS

STANDARD DOME

Porcelain Enameled



No. 94522



SOCKET TYPE

Catalog Number	Size of Lamp	"A" Diam.	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
*90518	250	18 in.	11⅞ in.	36 lb.	4	$9.40
‡90522	400	22 in.	15 in.	46 lb.	4	8.70

"SPEED-LOX" TYPE – PENDANT HOOD

Catalog Number	Size of Lamp	"A" Diam.	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
*94518	250	18 in.	13¾ in.	44 lb.	4	$9.70
‡94522	400	22 in.	16⅞ in.	55 lb.	4	9.10

"SPEED-LOX" TYPE – OUTLET HOOD

Catalog Number	Size of Lamp	"A" Diam.	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
*95518	250	18 in.	13⅜ in.	50 lb.	4	$9.70
‡95522	400	22 in.	16½ in.	61 lb.	4	9.10

"SPEED-LOX" TYPE – ANGLE HOOD

Catalog Number	Size of Lamp	"A" Diam.	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
*96518	250	18 in.	14⅜ in.	49 lb.	4	$9.70
‡96520	400	22 in.	17½ in.	60 lb.	4	9.10

*Units for 250-Watt Mercury Lamp come equipped with clear glass dust tight cover (as illustrated at left).

‡Units for 400-Watt Mercury Lamp come equipped with an opal glass diffusing band (as illustrated above).

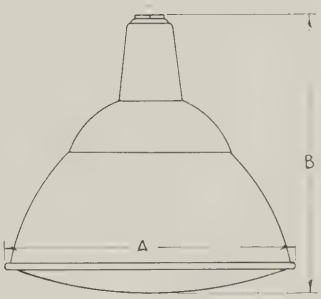
HIGH INTENSITY

MERCURY VAPOR UNITS

DEEP BOWL

Porcelain Enameled

No. 94950



SOCKET TYPE

Catalog Number	Size of Lamp	"A" Diam.	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
90920	250	12 in.	12¼ in.	24 lb.	5	$9.30
90950	400	18 in.	17 in.	36 lb.	4	8.70

"SPEED-LOX" TYPE – PENDANT HOOD

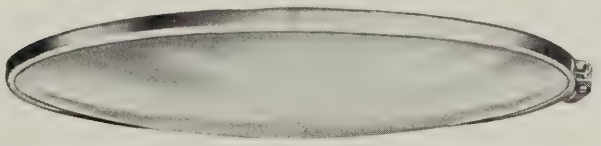
Catalog Number	Size of Lamp	"A" Diam.	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
94920	250	12 in.	14¾ in.	38 lb.	5	$9.60
94950	400	18 in.	19½ in.	46 lb.	4	9.10

"SPEED-LOX" TYPE – OUTLET HOOD

Catalog Number	Size of Lamp	"A" Diam.	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
95920	250	12 in.	14⅜ in.	41 lb.	5	$9.60
95950	400	18 in.	19⅛ in.	49 lb.	4	9.10

"SPEED-LOX" TYPE – ANGLE HOOD

Catalog Number	Size of Lamp	"A" Diam.	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
96920	250	12 in.	15⅜ in.	40 lb.	5	$9.60
96950	400	18 in.	20⅛ in.	48 lb.	4	9.10



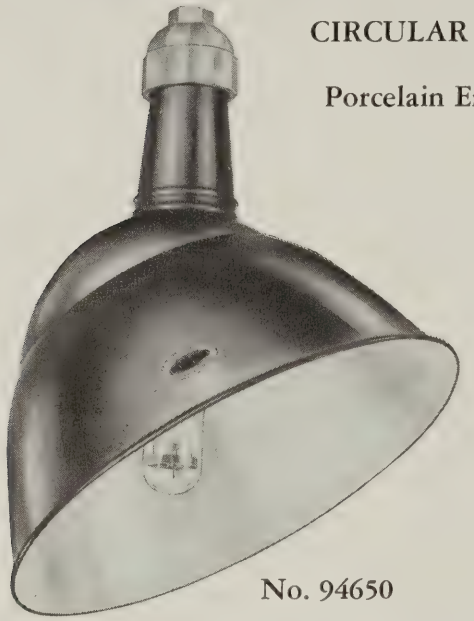
Units for 250-Watt Mercury Lamp come equipped with clear glass dust tight covers, as illustrated at left.

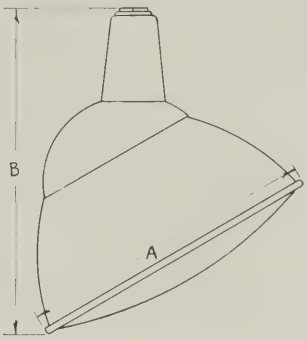
HIGH INTENSITY

MERCURY VAPOR UNITS

CIRCULAR ANGLE

Porcelain Enameled





No. 94650

SOCKET TYPE

Catalog Number	Size of Lamp	"A" Diam.	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
90620	250	14 in.	16 in.	27 lb.	5	$8.05
90650	400	18 in.	20⅜ in.	45 lb.	2	7.60

"SPEED-LOX" TYPE – PENDANT HOOD

Catalog Number	Size of Lamp	"A" Diam.	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
94620	250	14 in.	17⅞ in.	38 lb.	5	$8.35
94650	400	18 in.	21¾ in.	44 lb.	2	8.00

"SPEED-LOX" TYPE – OUTLET HOOD

Catalog Number	Size of Lamp	"A" Diam.	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
95620	250	14 in.	17½ in.	44 lb.	5	$8.35
95650	400	18 in.	21⅜ in.	50 lb.	2	8.00

"SPEED-LOX" TYPE – ANGLE HOOD

Catalog Number	Size of Lamp	"A" Diam.	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
96620	250	14 in.	18½ in.	43 lb.	5	$8.35
96650	400	18 in.	22⅜ in.	50 lb.	2	8.00

Units for 250-Watt Mercury Lamp come equipped with clear glass dust tight covers, as illustrated at left.

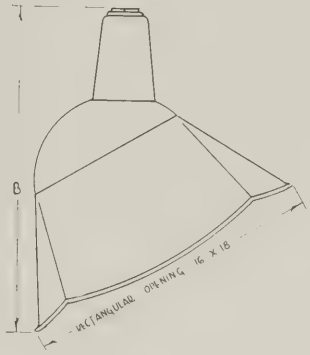
HIGH INTENSITY

MERCURY VAPOR UNITS

RECTANGULAR ANGLE

Porcelain Enameled

No. 90850



SOCKET TYPE

Catalog Number	Size of Lamp	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
90850	400	21½ in.	27 lb.	2	$9.25

"SPEED-LOX" TYPE—PENDANT HOOD

Catalog Number	Size of Lamp	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
94850	400	23⅜ in.	31 lb.	2	$9.65

"SPEED-LOX" TYPE—OUTLET HOOD

Catalog Number	Size of Lamp	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
95850	400	23 in.	32 lb.	2	$9.65

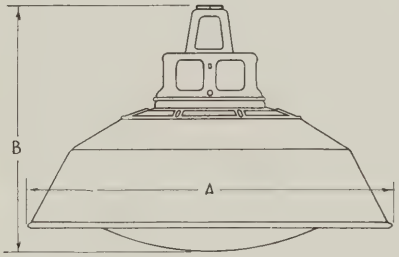
"SPEED-LOX" TYPE—ANGLE HOOD

Catalog Number	Size of Lamp	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
96850	400	24 in.	32 lb.	2	$9.65

COMBINATION

MERCURY AND INCANDESCENT UNITS

GLASSTEEL DIFFUSER



No. 97524

Catalog Number	Size of Lamps	"A" Diam.	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
97520	1—250 Watt Mercury Vapor 3—75—150 Watt Incandescent	20 in.	14 in.	29 lb.	2	$16.50

Catalog Number	Size of Lamps	"A" Diam.	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
97524	1—400 Watt Mercury Vapor 3—100—200 Watt Incandescent	24 in.	16½ in.	30 lb.	1	$24.90

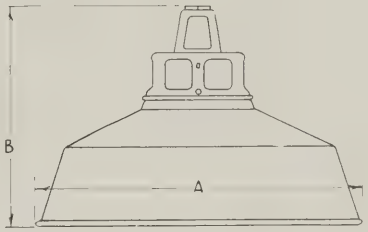
SILV-A-KING combination Glassteel Diffusers consist of an all white porcelain enameled steel reflector, a cast aluminum socket housing, four porcelain sockets, an oxidized aluminum inner baffle plate, an opal glass enclosing globe and a wire globe holder.

Hoods tapped ½ inch are standard. Tapped for ¾ inch upon request.

COMBINATION

MERCURY AND INCANDESCENT UNITS

STANDARD DOME – PORCELAIN ENAMELED



No. 97522

Catalog Number	Size of Lamps	"A" Diam.	"B" Height	Wgt. St. Pkge.	Stand. Pkge.	List Price
*97518	1—250 Watt Mercury Vapor 3—75—150 Watt Incandescent	18 in.	14 in.	24 lb.	2	$12.50
‡97522	1—400 Watt Mercury Vapor 3—100—200 Watt Incandescent	22 in.	15¾ in.	24 lb.	1	14.70

*Combination unit for 250-Watt Mercury Lamp comes equipped with clear glass dust tight cover (as illustrated at left).

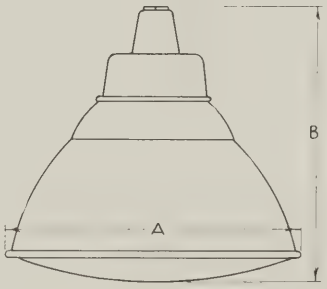
‡Combination unit for 400-Watt Mercury Lamp comes equipped with an opal glass diffusing band (as illustrated above).

COMBINATION

MERCURY AND INCANDESCENT UNITS

DEEP BOWL – PORCELAIN ENAMELED

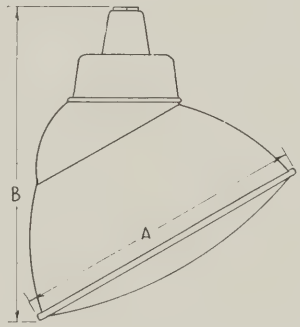
No. 99950



Catalog Number	Size Lamps	"A" Diam.	"B" Height	Wgt. St. Pkge.	Stand Pkge.	List Price
99950	1-250 Watt Mercury Vapor 3-75-150 Watt Incandescent	18 in.	18¼ in.	10	1	$13.50

No. 99650

CIRCULAR ANGLE – PORCELAIN ENAMELED



Catalog Number	Size Lamps	"A" Diam.	"B" Height	Wgt. St. Pkge.	Stand Pkge.	List Price
99650	1-250 Watt Mercury Vapor 3-75-150 Watt Incandescent	18 in.	20¾ in.	10	1	$14.25

The above units come equipped with clear glass dust-tight covers.

HIGH INTENSITY

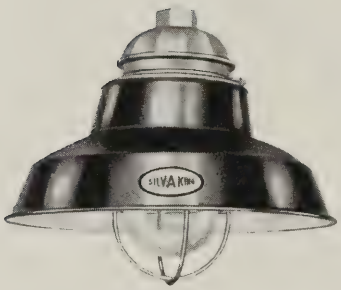
MERCURY VAPOR UNITS

VAPOR-PROOF FIXTURES FOR 250 WATT MERCURY VAPOR LAMPS

N.E.C. STANDARD—LISTED AS VAPOR-PROOF BY UNDERWRITER'S LABORATORIES
EQUIPPED WITH GENUINE HEAT RESISTING GLOBES

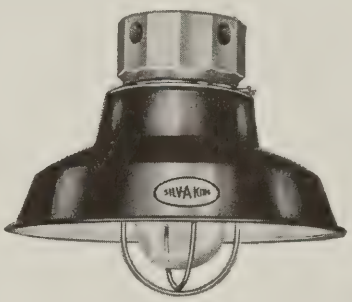
STANDARD DOME REFLECTORS

COMPLETE WITH GUARD



Pendant Type

Catalog Number	Diam.	Type of Hood	Stand Pkge.	List Price
97516	16 in.	Pendant	5	$9.85
98516	16 in.	*"X" Type	5	10.00



"X" Type

CIRCULAR ANGLE REFLECTORS

COMPLETE WITH GUARD

Pendant Type

Catalog Number	Diam.	Type of Hood	Stand Pkge.	List Price
97616	16 in.	Pendant	5	$9.55
98616	16 in.	*"X" Type	5	9.70

"X" Type

ALL UNITS LISTED ABOVE CAN BE FURNISHED WITHOUT GUARDS AT A REDUCTION OF $2.40

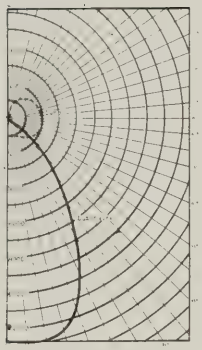
To order globes for replacement see page 55

**X Type units are tapped four ways and are furnished with three plugs, making this unit adaptable and universal for all installations.*

ALZAK ALUMINUM

HIGH BAY MOUNTING UNIT

CONCENTRATING TYPE



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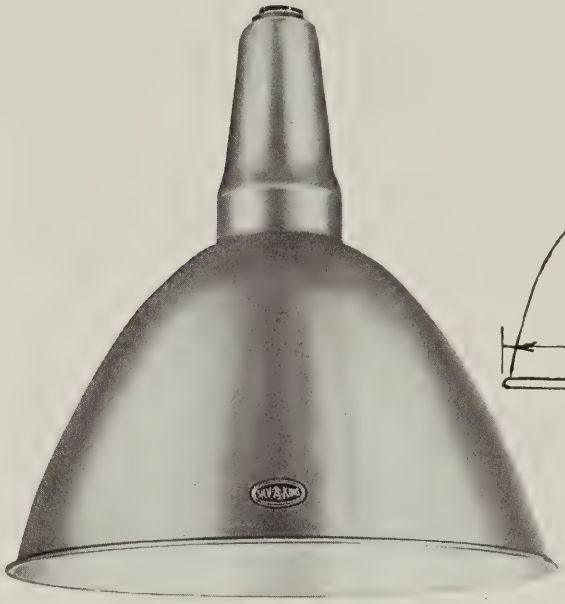
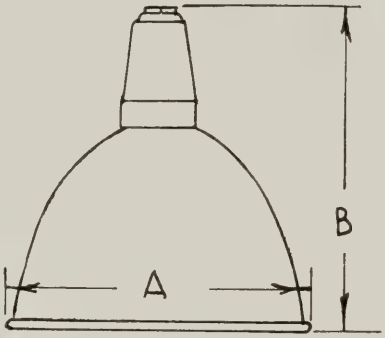




See Chart V, Page 18 for Design data

Catalog Number	Lamp Size	"A" Diameter	"B" Height	Weight St. Pkge.	Stand Pkge.	List Price
18400	300-500	16 in.	13¾ in.	14 lb.	4	**$13.50**
18850	*750-1500	18 in.	19 in.	26 lb.	4	**16.50**

***400 Watt Mercury Vapor Lamp can be used.**

Reflector.....One piece extra heavy gauge aluminum.

Finish.....Special Diffuse Alzak aluminum finish — processed both inside and outside — weather-resisting — non tarnishing — non-corrosive.

Socket.....Two-piece porcelain mogul socket with ½ in. tapped fitting. Tapped ¾ in. upon request.

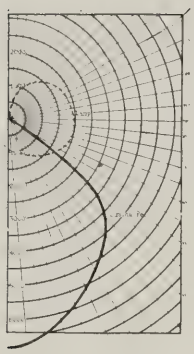
The above units are available in SPEED-LOX type at an advance of $.40 list.

Recommended for the illumination of high bay areas where a concentration of light is desired in a comparatively small area directly below the unit. Spacing between units should never exceed the mounting height.

ALUMINUM

HIGH BAY MOUNTING UNITS

SPREAD TYPE



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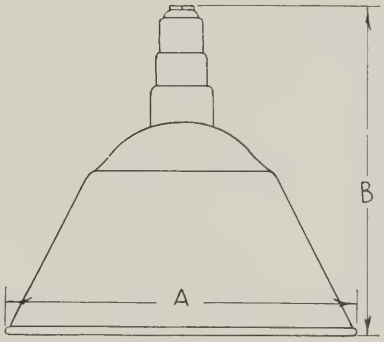


No. 18750

See Chart V, Page 18 for Design Data

Catalog Number	Lamp Size	"A" Diameter	"B" Height	Weight St. Pkge.	Stand Pkge.	List Price
18300	300—500	16 in.	16⅛ in.	20 lb.	4	$9.50
18750	*750—1500	18 in.	17¾ in.	27 lb.	4	13.50

***400 Watt Mercury Vapor Lamp can be used.**

Reflector.....One-piece extra heavy gauge aluminum.

Finish.....Special SILV-A-KING satin anodic finish—processed both inside and outside—weather-resisting—non-tarnishing—non-corrosive—die-electric.

Socket.....Two-piece porcelain mogul socket with ½ in. tapped fitting. Tapped ¾ in. upon request.

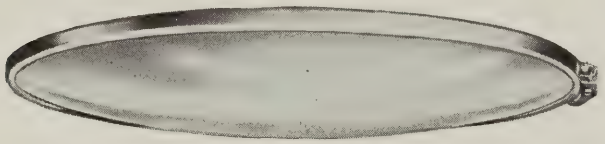
The above units are available in SPEED-LOX type at an advance of $.40 list.

The above units are designed to provide a broad, comparatively uniform distribution of illumination for high bays.

Spacing between units should never exceed one and one-half times the mounting height.

DUST TIGHT GLASS COVERS

FOR SILV-A-KING REFLECTORS



Silv-A-King Dust Tight Covers consist of a fine quality clear glass cover, a glass retaining band with compression spring locking attachment and a circular felt gasket.

GLASS COVERS COMPLETE WITH BAND, AND GASKET

Cat. No.	Description	Wgt. St. Pkge.	St. Pkge.	List Price	Cat. No.	Description	Wgt. St. Pkge.	St. Pkge.	List Price
383	For 8″ Dia. Refl.	6 lb.	5	$2.00	386	For 14″ Dia. Refl.	16 lb.	5	$3.10
384	For 10″ Dia. Refl.	8 lb.	5	2.40	388	For 16″ Dia. Refl.	20 lb.	5	3.60
385	For 12″ Dia. Refl.	12 lb.	5	2.70	389	For 18″ Dia. Refl.	23 lb.	5	4.10

GLASS COVERS ONLY

Cat. No.	Description	Wgt. St. Pkge.	St. Pkge.	List Price	Cat. No.	Description	Wgt. St. Pkge.	St. Pkge.	List Price
373	For 8″ Dia. Cover	6 lb.	5	$ .70	376	For 14″ Dia. Cover	14 lb.	5	$1.20
374	For 10″ Dia. Cover	8 lb.	5	.90	378	For 16″ Dia. Cover	19 lb.	5	1.50
375	For 12″ Dia. Cover	11 lb.	5	1.00	379	For 18″ Dia. Cover	22 lb.	5	1.80

HEAT RESISTING GLASS COVERS ONLY

Cat. No.	Description	Wgt. St. Pkge.	St. Pkge.	List Price	Cat. No.	Description	Wgt. St. Pkge.	St. Pkge.	List Price
376HR	For 14″ Dia. Cov.	16 lb.	5	$6.00	379HR	For 18″ Dia. Cov.	23 lb.	5	$12.00
378HR	For 16″ Dia. Cov.	20 lb.	5	8.00					

FELT GASKETS ONLY

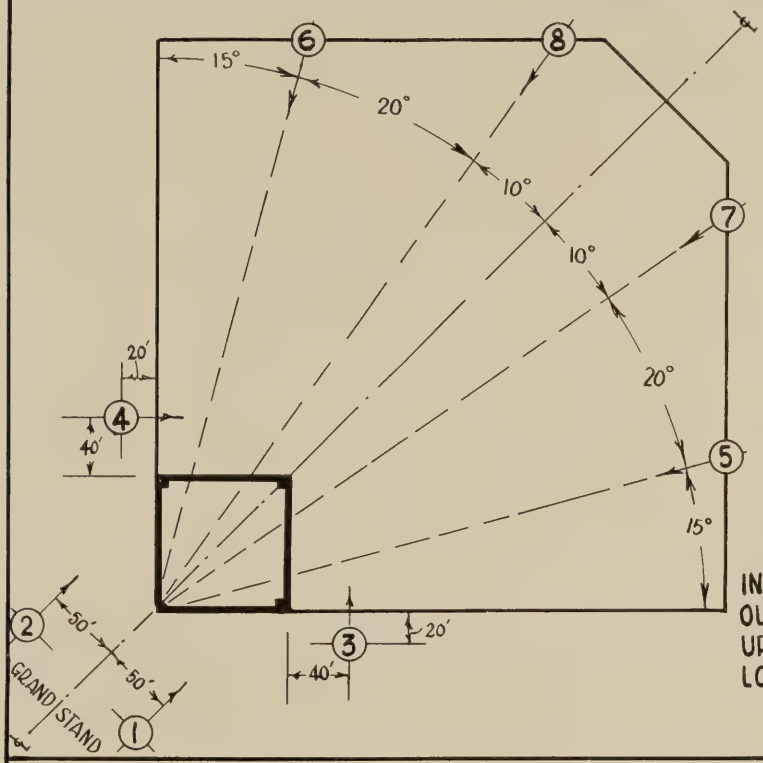
Cat. No.	Description	Wgt. St. Pkge.	St. Pkge.	List Price	Cat. No.	Description	Wgt. St. Pkge.	St. Pkge.	List Price
363	For 8″ Dia. Cover	2 lb.	5	$ .40	366	For 14″ Dia. Cover	2 lb.	5	$ .70
364	For 10″ Dia. Cover	2 lb.	5	.50	368	For 16″ Dia. Cover	2 lb.	5	.80
365	For 12″ Dia. Cover	2 lb.	5	.60	369	For 18″ Dia. Cover	2 lb.	5	.90

Section III

FLOOD-LIGHTING EQUIPMENT

	Pages
Porcelain Enameled Open Type Flood-Lights	81-83
Porcelain Enameled Island Lights	84-85
Aluminum Open Type Flood-Lights	86-88
Aluminum Enclosed Type Flood-Lights	89-91

TYPICAL SILV-A-KING INSTALLATIONS



SUGGESTED LIGHTING PLAN

BASEBALL FIELD

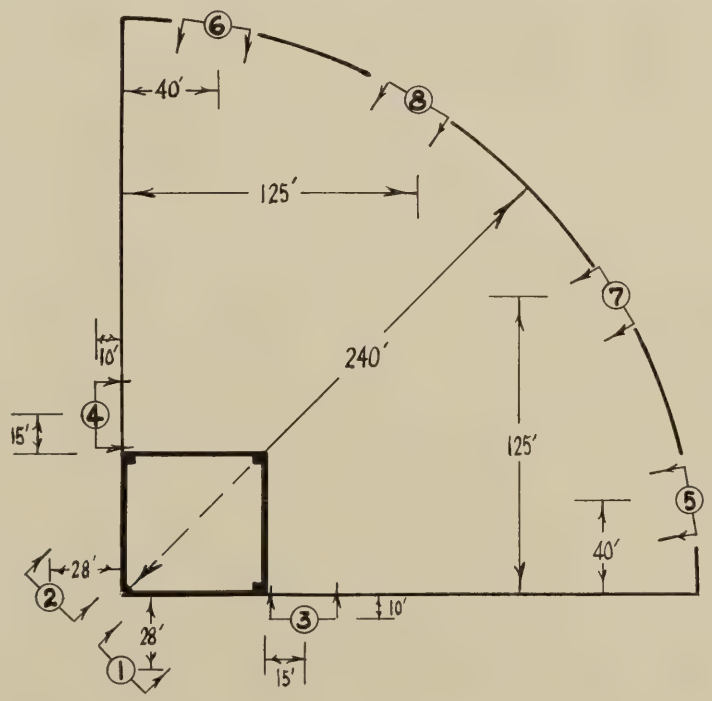
(2) REPRESENTS TOWERS WITH FLOOD-LIGHTS AS LISTED BELOW..

SUMMARY

TOWER NOS.	QUANTITY	TYPE	WATTS
1 & 2	12 each	2850	1500
	4 each	7750	1000
3 & 4	24 each	2850	1500
	4 each	7750	1000
5 & 6	12 each	2850	1500
7 & 8	4 each	7750	1000

BURN LAMPS AT 10% OVER VOLTAGE

INFIELD TOWERS: 60 FEET ABOVE GROUND
OUTFIELD TOWERS: 70 FEET ABOVE GROUND
UPPER ARMS : AT TOP OF TOWER
LOWER ARMS : 40 FEET ABOVE GROUND



SUGGESTED LIGHTING PLAN

SOFTBALL FIELD

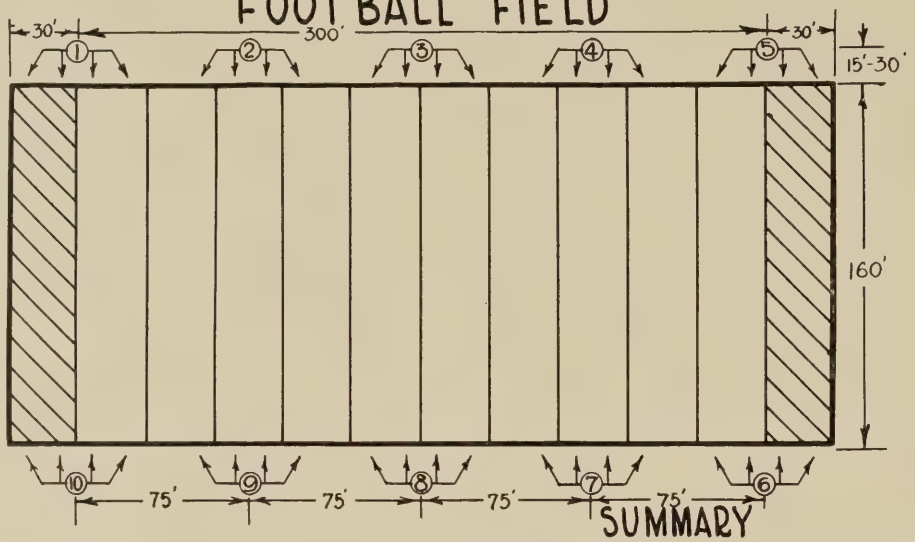
ASSOCIATION STANDARD

(2) REPRESENTS POLE WITH FLOOD-LIGHTS AS LISTED BELOW.

SUMMARY

TYPE OF FLOOD-LIGHT: *2750 OR *2850 DEPENDING ON TYPE OF MOUNTING
LAMPS : (PS 52) 1500 WATT
POLES : EIGHT AS INDICATED, 40 FEET ABOVE THE GROUND
FLOOD-LIGHTS PER POLE : TWO

SUGGESTED LIGHTING PLAN
FOOTBALL FIELD

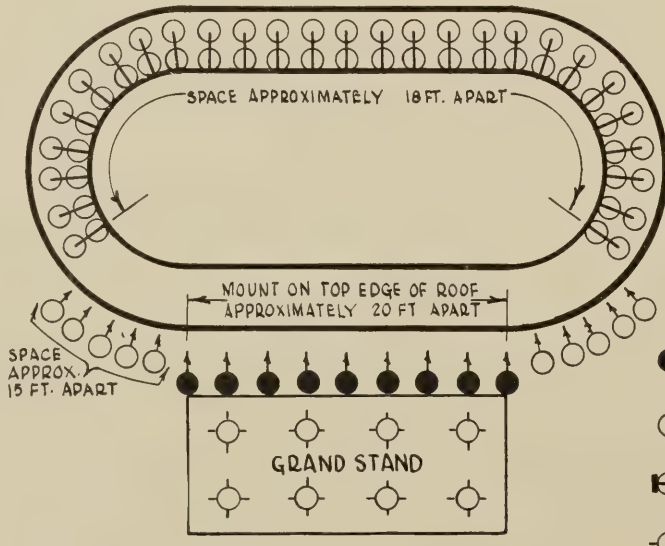


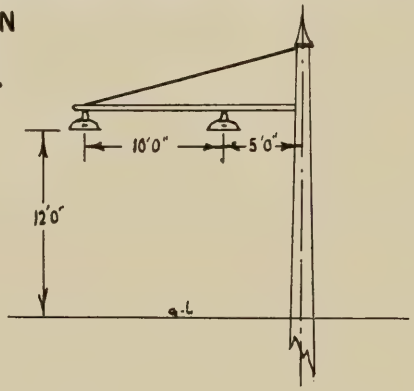
② REPRESENTS POLE WITH FLOOD-LIGHTS AS LISTED IN THE SUMMARY.

SUMMARY

TYPE OF FLOOD-LIGHT: #2750 OR #2850 DEPENDING ON TYPE OF MOUNTING.
LAMPS : (P.S. 52) 1500 WATT
POLES : TEN AS INDICATED, 40-50 FEET ABOVE THE GROUND.
FLOOD-LIGHTS PER POLE : FOUR

SUGGESTED LIGHTING PLAN
DOG RACE TRACK





SUMMARY

● REPRESENTS #3750 FLOOD-LIGHT (APPROX. 30 FT. HIGH) WITH 1000 WATT LAMP

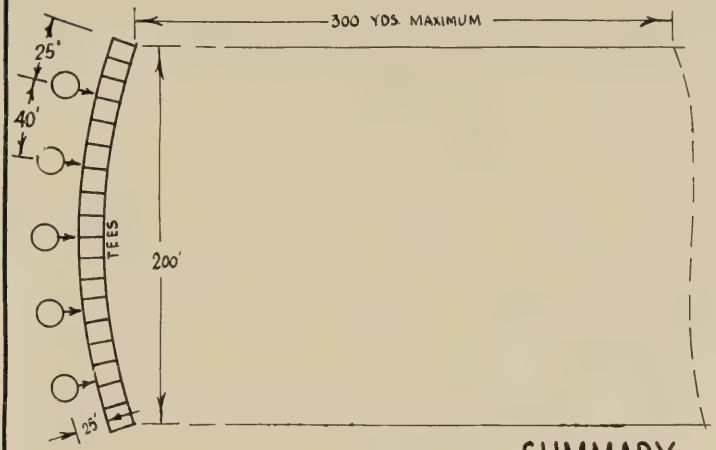
○ REPRESENTS #4700 FLOOD-LIGHT (15 FT. ABOVE GROUND) WITH 750 WATT LAMP

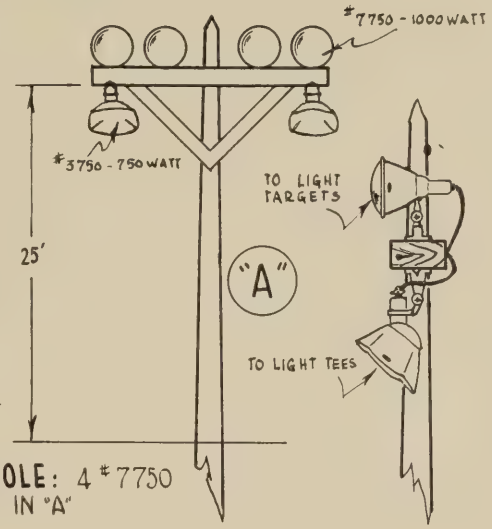
⊖ REPRESENTS 2-#518 REFLECTORS (12 FT. ABOVE GROUND) WITH 300 WATTS EACH

⊙ REPRESENTS #518 REFLECTOR (SUSPENDED FROM CEILING) WITH 300 WATT LAMP.

SUGGESTED LIGHTING PLAN

GOLF DRIVING RANGE





REPRESENTS POLE WITH FLOOD-LIGHTS AS LISTED IN SUMMARY

SUMMARY

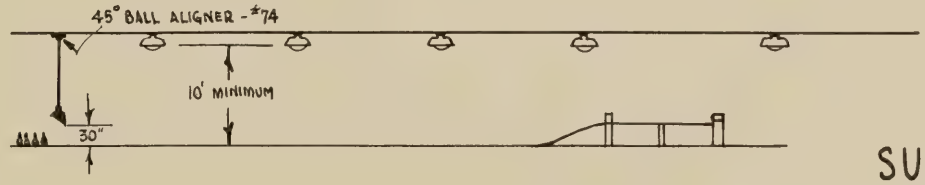
FLOOD-LIGHTS PER POLE: 4 # 7750 AND 2 # 3750 AS SHOWN IN "A"

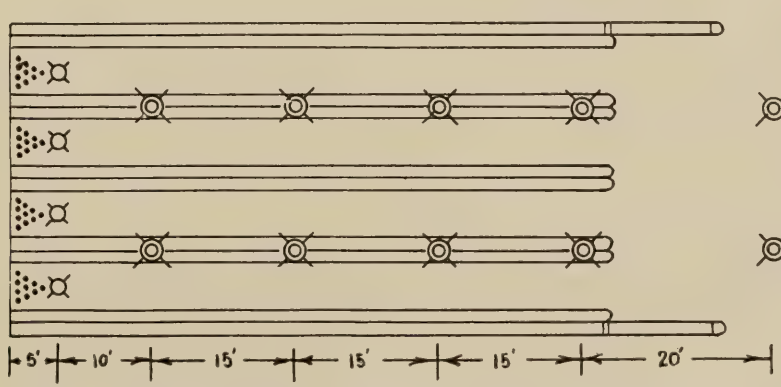
LAMPS PER POLE: 4 - 1000 WATT (P.S.52) AND 2 - 750 WATT (P.S.52)

-SIDE-

SUGGESTED LIGHTING PLAN

BOWLING ALLEY





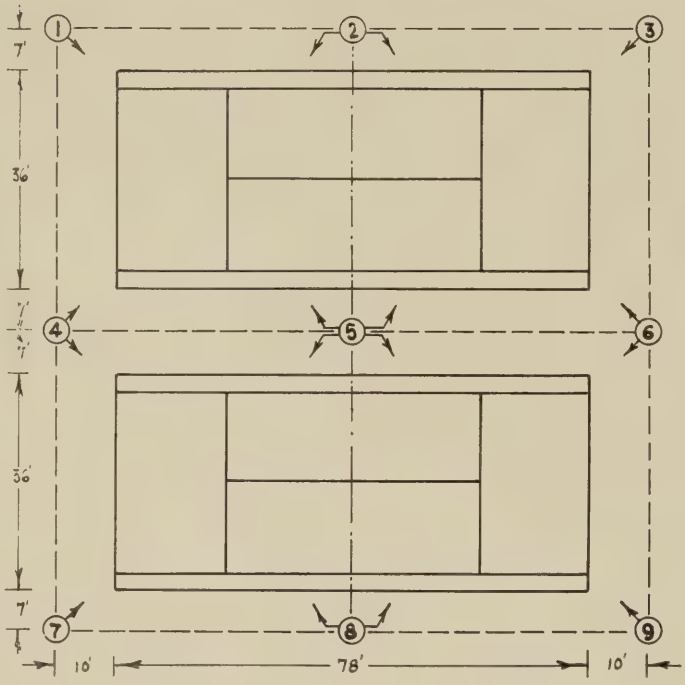
SUMMARY

10-12 FOOT MOUNTING HEIGHT

1518 USING 200 WATT (PS-30) LAMP
600 USING 100 WATT (A 23) LAMP

OVER 12 FOOT MOUNTING HEIGHT

1520 USING 300 WATT (PS 35) LAMP
610 USING 150 WATT (A 25) LAMP



SUGGESTED LIGHTING PLAN

MULTIPLE

TENNIS COURTS

(2)← EACH ARROW REPRESENTS A FLOOD-LIGHT AS LISTED IN THE SUMMARY.

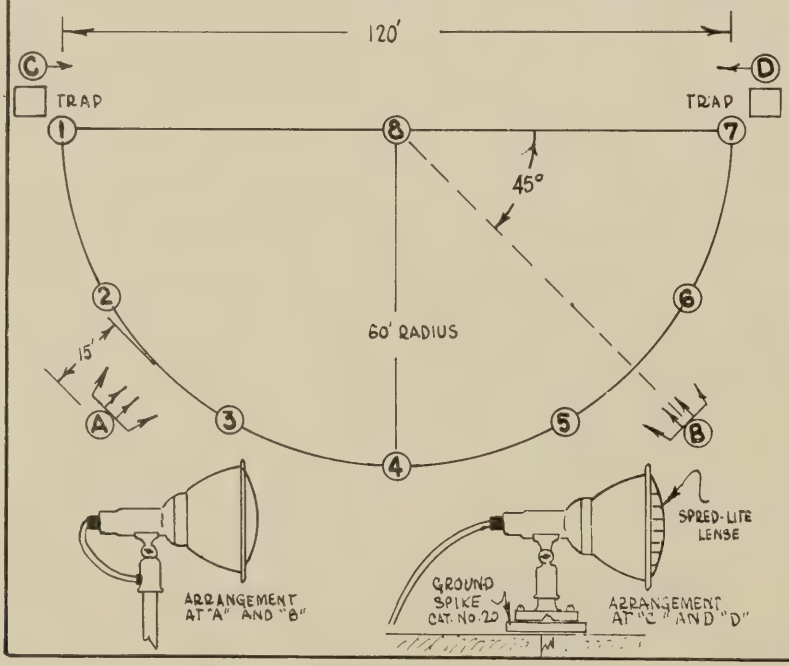
SUMMARY

TYPE OF FLOOD-LIGHT: #3750 OR #4700 DEPENDING ON TYPE OF MOUNTING

LAMPS: 1000 WATT (P.S.52) (TOURNAMENTS) 1500 WATT (P.S.52)

POLES: NINE(9) AS INDICATED, 30 FEET ABOVE THE GROUND.

FLOOD-LIGHTS PER POLE: AS INDICATED BY ARROWS.



SUGGESTED LIGHTING PLAN

SKEET SHOOTING RANGE

(A) REPRESENTS FLOOD-LIGHTS AS LISTED BELOW FOR POLES AT "A" AND "B".

(C)→ REPRESENTS FLOOD-LIGHTS AS LISTED BELOW FOR GROUND MOUNTING AT "C" AND "D"

SUMMARY

TYPE OF FLOOD-LIGHT: #7750 (CLEAR LENSE) AT "A" AND "B". #7750 (VERTICAL SPRED-LITE LENSE) AT "C" AND "D"

LAMPS: 1000 WATT (P.S.52)

POLES: TWO (ONE EACH AT "A" AND "B"), 25 FEET ABOVE THE GROUND.

FLOOD-LIGHTS PER POLE: FOUR

NOTE: FLOOD-LIGHT AT "C" TURNED OUT WHEN SHOOTING FROM POSITIONS 6, 7, AND 8 FLOOD-LIGHT AT "D" TURNED OUT WHEN SHOOTING FROM POSITIONS 1, 2, AND 8

SILV-A-KING FLOODLIGHTING DESIGN PROCEDURE

The design of a flood lighting system is the product of a great variety of widely varying factors, each of which bears an important influence upon the resultant effect. The experience of the floodlighting engineer, the effect demanded by the architect, the manifold uses of floodlighting for numerous buildings, utility and sport areas, are only a few of these factors. Although much of floodlighting design can be tabulated as factual data, the experience of those designing the installation will prove the most important factor in determining the final result.

The following tables are intended to give some general details which have been found to be fundamental in floodlighting design:

FOOTCANDLE RECOMMENDATIONS FOR FLOODLIGHTING APPLICATIONS

BUILDINGS AND STRUCTURES

Representative Building Materials	Approximate Reflection Factors	Foot candles for Downtown* Buildings in Cities of:		
		Over 50,000	50,000 to 5,000	Under 5,000
White Terra Cotta Cream Terra Cotta Light Marble	75%	15	10	5
Light Gray Limestone Bedford Limestone Buff Limestone Smooth Buff Face Brick	50%	20	15	10
Briar Hill Sandstone Smooth Gray Brick Medium Gray Limestone Common Tan Brick	35%	30	20	15
Dark Field Gray Brick Common Red Brick Brown Stone	20%	50	30	20

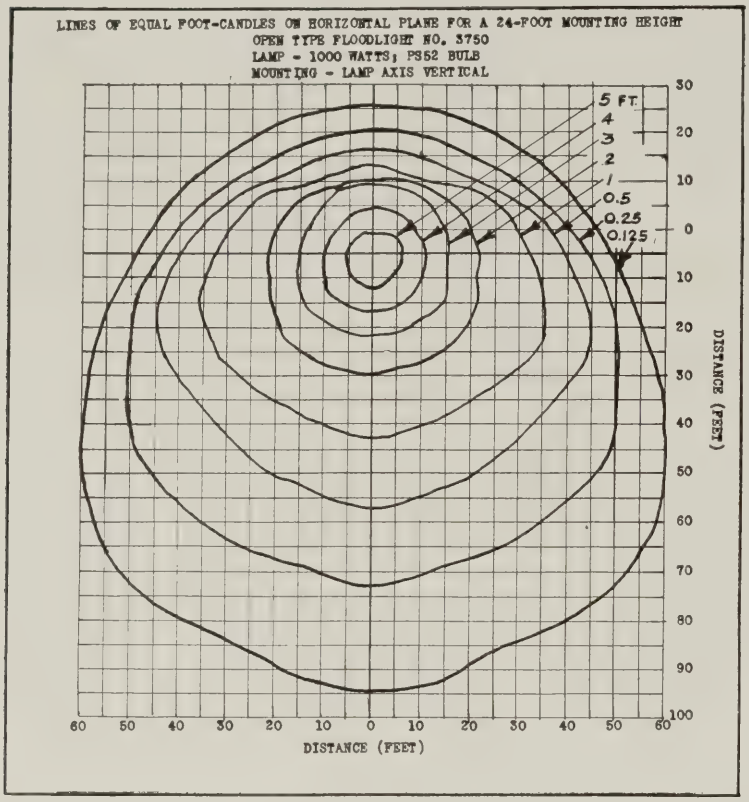
*For buildings in outlying districts use the footcandles recommended for downtown buildings in cities of the next smaller classification. Note: Buildings composed of material having a reflection factor much below 20% cannot economically be floodlighted unless there is a large amount of light trim.

UTILITARIAN AND PROTECTIVE PURPOSES

	Foot Candle Intensities
Construction Work	5
Dredging	2
Gasoline Service Stations:—	
Buildings and Pumps	20
Yard and Driveways	5
Parking Spaces	1
Protective Industrial	0.2
Quarries	2
Shipyards (construction)	5

SPECIAL APPLICATIONS

	Foot Candle Intensities
Trees	5-20
Flags	30
Loading Docks	5
Loading Platforms	5
Signs	30
Smokestacks	15
Art Glass Windows	20-200
Waterfalls	10
Water Tanks	15



TESTED BY E. T. L.

LIGHT DISTRIBUTION DATA

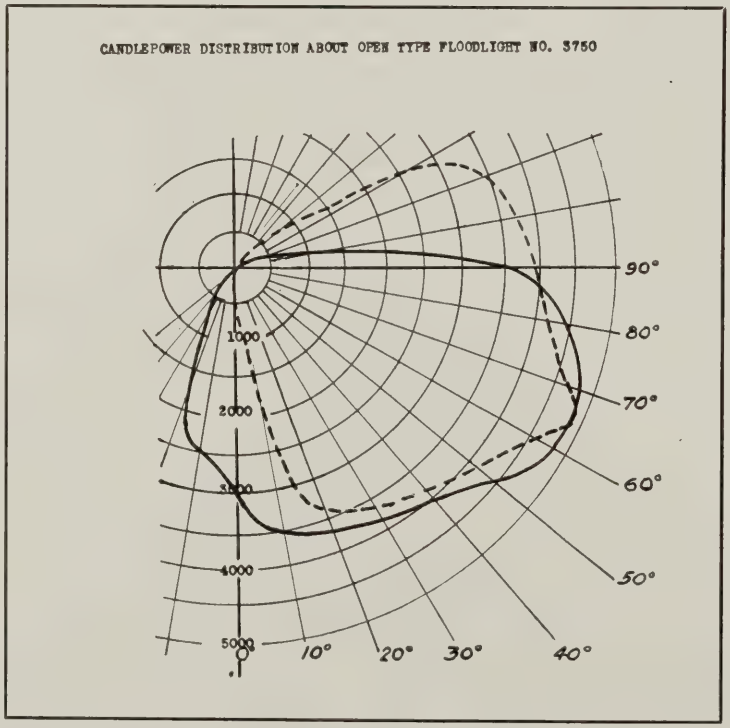
For Nos. 3750 and 4700

AREA OF EFFECTIVE ILLUMINATION

Mounting Height	Back Width	Front to Back	Front Width
20 ft.	55 ft.	62 ft.	72 ft.
24 ft.	60 ft.	70 ft.	80 ft.
27 ft.	67 ft.	78 ft.	87 ft.
30 ft.	76 ft.	84 ft.	100 ft.
35 ft.	90 ft.	95 ft.	120 ft.

RECOMMENDED FOR ILLUMINATING

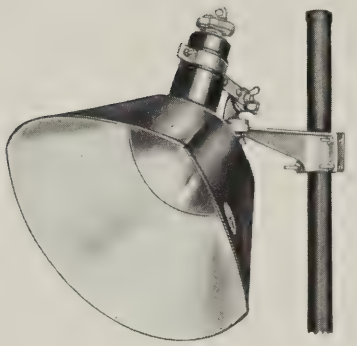
FREIGHT YARDS
GASOLINE STATIONS
PARKING LOTS
PIERS AND DOCKS
PLAYGROUNDS
SWIMMING POOLS



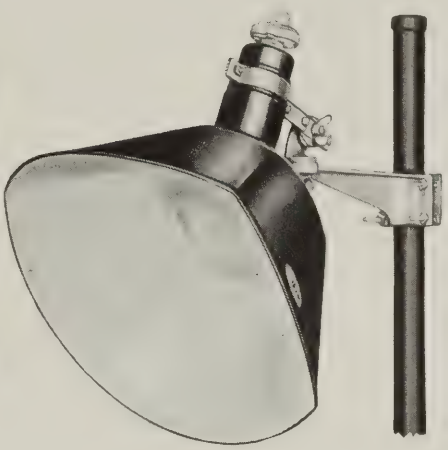
TESTED BY E. T. L.

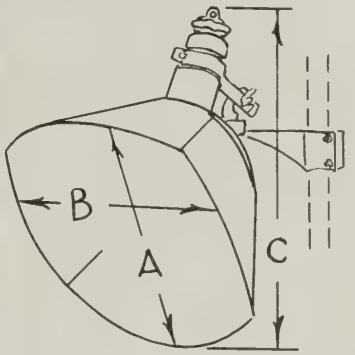
PORCELAIN ENAMELED

OPEN TYPE FLOOD-LIGHTS



Flood-light with Projector





No. 3750

Catalog Number	Lamp Size	Dimensions "A"	"B"	"C"	Weight St. Pkge.	Stand. Pkge.	List Price
3300	300-500	15 in.	16 in.	21 in.	15 lb.	1	$12.75
3750	*750-1500	16 in.	18 in.	24 in.	18 lb.	1	17.00

*400 Watt Mercury Vapor Lamp can be used

CONSTRUCTION FEATURES

Flood-light.....Porcelain enameled, heavy gauge armco ingot iron, green outside, white inside.

Bracket.....Sturdily built, heavy cast aluminum with swivel joints for adjustment to any position desired. Bracket, screws, nuts and bolts cadmium plated.

Socket.....Two piece porcelain easy-to-wire type mogul socket, N.E.C. standard.

Service Cap.....Two piece cast iron, cadmium plated, with porcelain insulating bushings.

INNER BEAM PROJECTORS

(Supplied only when ordered)

Catalog Number	Description	List Price
21	Diffuse Oxidized Aluminum, Anodic Finish	$3.00
22	Specular Alzak Aluminum Finish	6.00

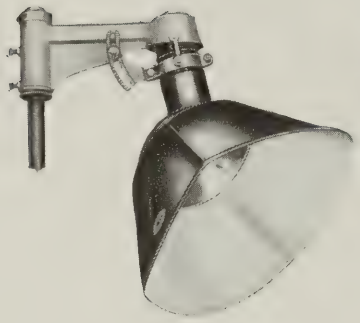
Silv-A-King inner beam projector No. 21 is a special satin anodic processed aluminum, weather-resisting, non-tarnishing, non-corrosive, die-electric, producing a fine, uniformly diffuse flood-light beam.

Silv-A-King inner beam projector No. 22 is a product of the finest specular alzak aluminum process obtainable, producing a narrow, highly concentrated, flood-light beam.

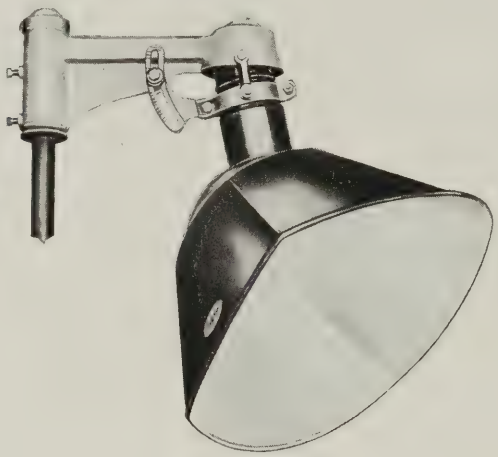
PORCELAIN ENAMELED

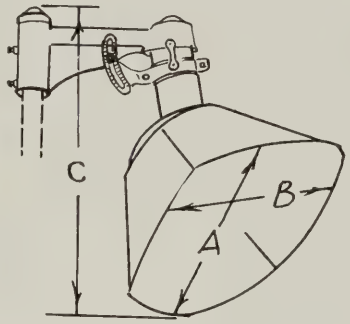
OPEN TYPE FLOOD-LIGHTS

WITH NEW CONCEALED WIRING BRACKET



Flood-light with Projector





No. 4700

Catalog Number	Lamp Size	Dimensions "A"	"B"	"C"	Weight St. Pkge.	Stand. Pkge.	List Price
4300	300-500	15 in.	16 in.	21 in.	15 lb.	1	$14.50
4700	*750-1500	16 in.	18 in.	24 in.	18 lb.	1	19.00

*400 Watt Mercury Vapor Lamp can be used

CONSTRUCTION FEATURES

Flood-light.....Porcelain enameled, heavy gauge armco ingot iron, green outside, white inside.

Bracket.....Sturdily built heavy cast aluminum with weather-proof wiring trough and easily removable junction-box lid, all screws, nuts and bolts cadmium plated. Bracket slip-fits over 1½ inch pipe and allows adjustment of 180° horizontally and 30° in each direction from vertical base-up position.

Socket.....Two piece porcelain easy-to-wire type mogul socket, N.E.C. standard.

INNER BEAM PROJECTORS

(Supplied only when ordered)

Catalog Number	Description	List Price
21	Diffuse Oxidized Aluminum, Anodic Finish	$3.00
22	Specular Alzak Aluminum Finish	6.00

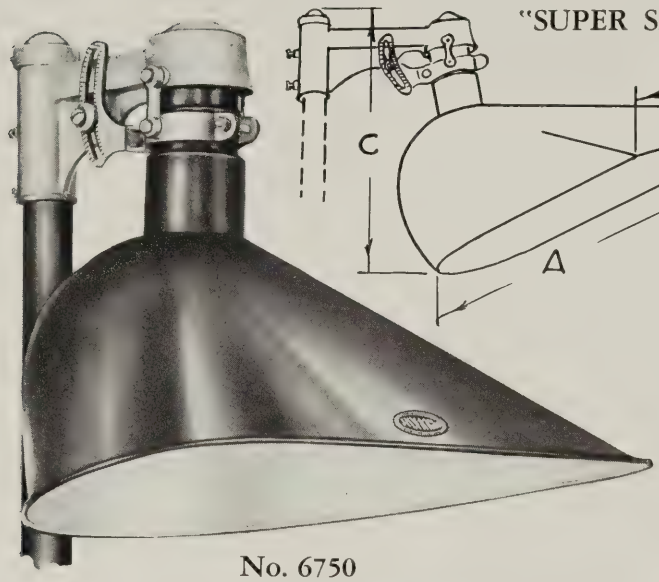
Silv-A-King inner beam projector No. 21 is a special satin anodic processed aluminum, weather-resisting, non-tarnishing, non-corrosive, die-electric, producing a fine, uniformly diffuse flood-light beam.

Silv-A-King inner beam projector No. 22 is a product of the finest specular alzak aluminum process obtainable, producing a narrow, highly concentrated, flood-light beam.

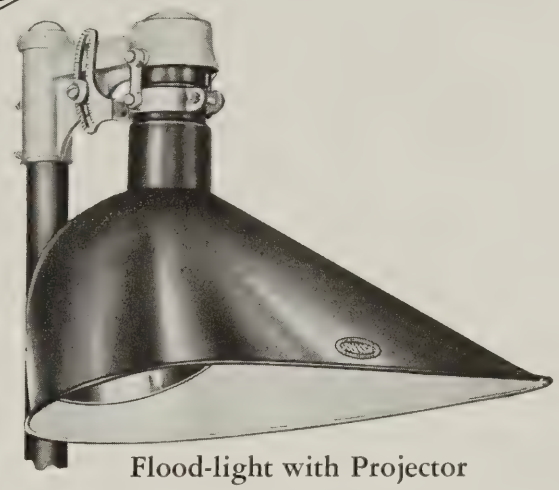
PORCELAIN ENAMELED

OPEN TYPE FLOOD-LIGHTS

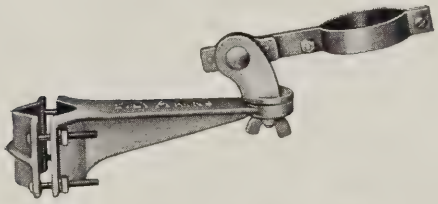
"SUPER SERVICE"



No. 6750

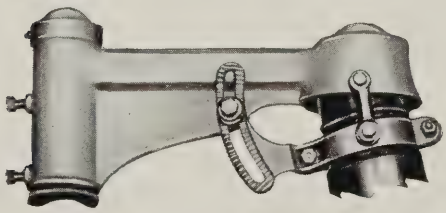


Flood-light with Projector



FLOOD-LIGHT COMPLETE WITH OPEN-TYPE WIRING BRACKET

Catalog Number	Lamp Size	Dimensions "A"	"B"	"C"	Wgt. St. Pkge.	St. Pkge.	List Price
5300	300-500	18¾ in.	20 in.	16 in.	17 lb.	1	$20.00
5750	*750-1500	24¾ in.	24 in.	18 in.	25 lb.	1	26.00



FLOOD-LIGHT COMPLETE WITH CONCEALED WIRING BRACKET

Catalog Number	Lamp Size	Dimensions "A"	"B"	"C"	Wgt. St. Pkge.	St. Pkge.	List Price
6300	300-500	18¾ in.	20 in.	16 in.	17 lb.	1	$22.00
6750	*750-1500	24¾ in.	24 in.	18 in.	25 lb.	1	28.00

*400 Watt Mercury Vapor Lamp can be used

CONSTRUCTION FEATURES

Flood-light.....Porcelain enameled, heavy gauge armco ingot iron, green outside, white inside.

Hood.....Adaptable to either open-wiring — clamp-type bracket or concealed — weather-proof wiring type bracket for pole top mounting.

Socket.....Two piece easy-to-wire type. Mogul base porcelain, N. E. C. standard.

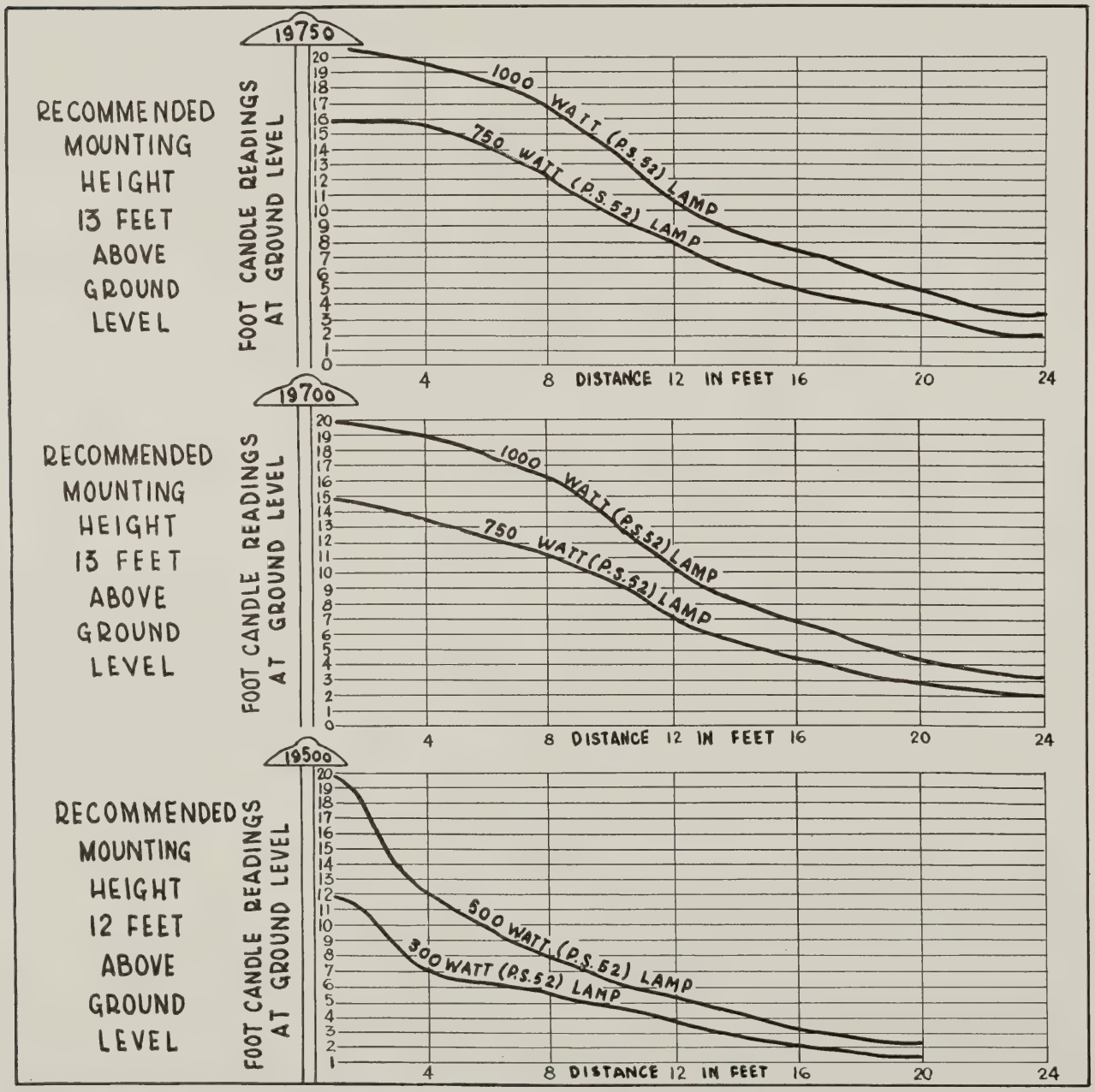
INNER BEAM PROJECTORS

(Supplied only when ordered)

Catalog Number	Description	List Price
21	Diffuse Oxidized Aluminum, Anodic Finish	$3.00
22	Specular Alzak Aluminum Finish	6.00

ISLAND LIGHT DISTRIBUTION DATA

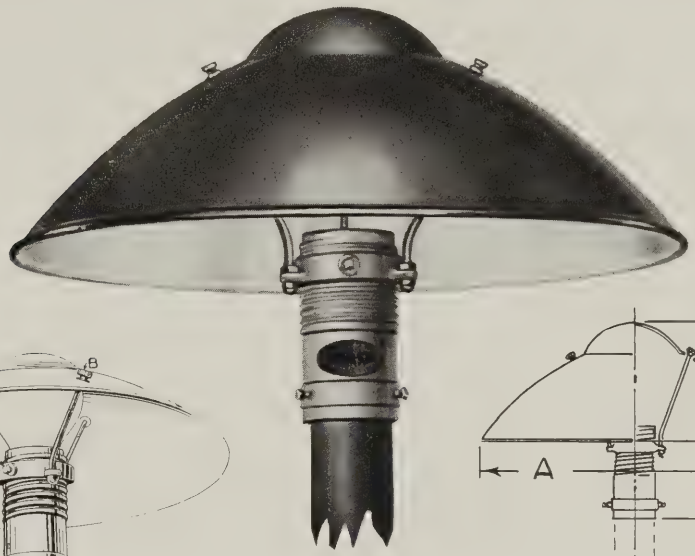
SILV-A-KING presents the only ISLAND LIGHT on the market with an external reflector focusing mechanism. This feature eliminates the necessity of dismantling and raising poles to compensate for lack of illumination coverage caused by a sharp reflector cut off of light, too wide spacings, or improper height of poles. This means a saving of time and material.

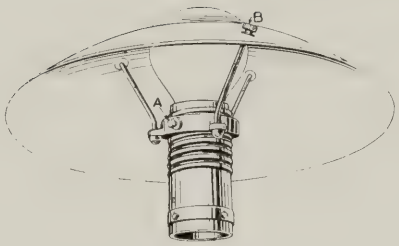

19750
RECOMMENDED MOUNTING HEIGHT 13 FEET ABOVE GROUND LEVEL
FOOT CANDLE READINGS AT GROUND LEVEL
1000 WATT (P.S.52) LAMP
750 WATT (P.S.52) LAMP
DISTANCE IN FEET
19700
RECOMMENDED MOUNTING HEIGHT 13 FEET ABOVE GROUND LEVEL
FOOT CANDLE READINGS AT GROUND LEVEL
1000 WATT (P.S.52) LAMP
750 WATT (P.S.52) LAMP
DISTANCE IN FEET
19500
RECOMMENDED MOUNTING HEIGHT 12 FEET ABOVE GROUND LEVEL
FOOT CANDLE READINGS AT GROUND LEVEL
500 WATT (P.S.52) LAMP
300 WATT (P.S.52) LAMP
DISTANCE IN FEET

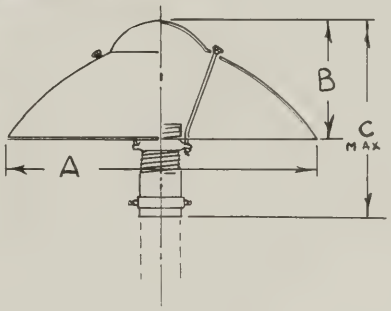
PORCELAIN ENAMELED

ISLAND LIGHTS

WITH EXTERNAL REFLECTOR FOCUSING MECHANISM







For Focusing release bolt A
For Relamping unscrew nut B

Catalog Number	Lamp Size	Dimensions "A"	"B"	"C"	Weight St. Pkge.	Stand. Pkge.	List Price
19200	200	20 in.	8 in.	13 in.	15 lb.	1	$11.00
19500	300-500	20 in.	8 in.	15½ in.	16 lb.	1	11.50
19700	*500-750-1000	24 in.	9 in.	17½ in.	20 lb.	1	13.00
19750	750-1500	27 in.	9⅝ in.	18½ in.	22 lb.	1	18.00

**Use Mogul Base Socket Extension when using 500 Watt Lamp with Cat. No. 19700.*

CONSTRUCTION FEATURES

Reflector.....Heavy gauge one-piece seamless porcelain enameled steel reflector.

Finish.....Standard finish—green outside, white inside. Units can be furnished in red at no additional cost. For all other colors prices on inquiry.

Slip Fitter.....Grey iron casting, heavily cadmium plated Slip-fits over 2 inch pipe.

Socket.....Two-piece easy-to-wire type, porcelain N.E.C. standard.

Focusing Ring.....Grey iron casting, heavily cadmium plated.

OPTIONAL FEATURE

Satin Anodic Aluminum Spill Shield — eliminates filament glare — fits all sizes $1.00 additional list.

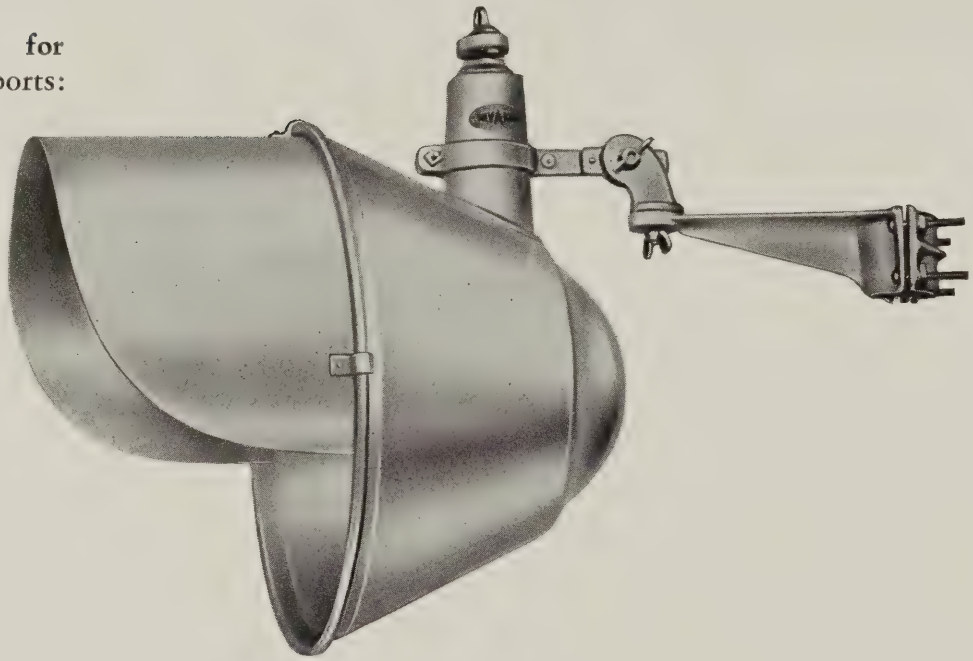
OUTDOOR ALUMINUM

OPEN TYPE FLOOD-LIGHTS

SPORT-AREA

Highly recommended for the following night sports:

Archery
Badminton
Baseball
Football
Racing
Tennis



Catalog Number	Size of Lamp	Diameter	Height	Weight	Stand. Pkge.	List Price
2750	*750-1500w	18 in.	24 in.	16 lb.	1	$29.00

*400 Watt Mercury Vapor Lamp can be used

Flood Light Available Without Visor Less $6.00 List

CONSTRUCTION FEATURES

Reflector.....Heavy gauge aluminum one-piece construction.

Visor.....One-piece aluminum with three brass cadmium-plated clamp brackets, fully adjustable.

Finish.....Special Silv-A-King Satin Anodic process both inside and out. Weather resisting; non-tarnishing; non-corrosive; die-electric.

Socket Housing.....Cast aluminum with weather-proof service entrance cap.

Bracket.....Bracket arm is of heavy cast aluminum with swivel joints for adjusting to any position desired. All screws, bolts and nuts are cadmium-plated. This bracket is suitable for vertical pipe, pole or wall mounting.

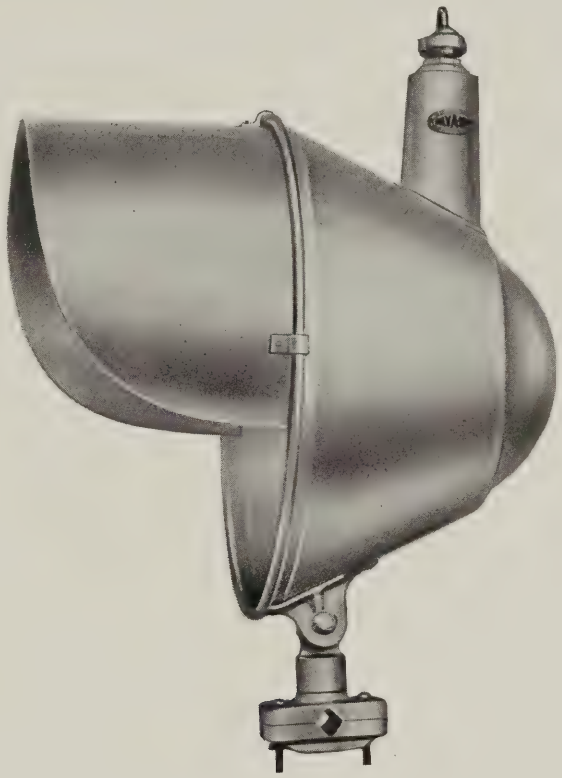
OUTDOOR ALUMINUM

OPEN TYPE FLOOD-LIGHTS

SPORT-AREA

Highly recommended for the following night sports:

Archery
Badminton
Baseball
Football
Racing
Tennis



FLOOD-LIGHT COMPLETE WITH VISOR

Catalog Number	Size of Lamp	Diameter	Height	Weight	Stand. Pkge.	List Price
2850	*750-1500w	18 in.	29 in.	16 lb.	1	$25.00

*400 Watt Mercury Vapor Lamp can be used

Flood Light Available Without Visor Less $6.00 List

CONSTRUCTION FEATURES

Reflector.....Heavy gauge aluminum, one-piece construction.

Visor.....One-piece aluminum with three brass cadmium-plated clamp brackets, fully adjustable.

Finish.....Special Silv-A-King Satin Anodic process both inside and out. Weather resisting; non-tarnishing; non-corrosive; die-electric.

Socket Housing.....Cast aluminum with weather-proof service entrance cap.

Bracket.....Bracket arm is of cast iron heavily cadmium-plated with swivel joints for adjusting to any position desired. All screws, bolts and nuts are cadmium-plated. This bracket suitable for horizontal mounting such as roof tops, yard-arms and all flat surfaces.

PORTABLE ALUMINUM

OPEN TYPE FLOOD-LIGHTS

FOR OUTDOOR GENERAL UTILITY LIGHTING

CONSTRUCTION FEATURES

HOUSING — Heavy gauge aluminum one piece construction.

EXTENSION CORD—Approved rubber covered wire with unbreakable rubber cap.

FINISH — Special Silv-A-King Satin Anodic process both inside and out. Weather resisting; non-tarnishing; non-corrosive; die-electric.

BRACKET — Grey iron, heavily cadmium plated, adjustable to any position.

Catalog Number	Size of Lamp	Diameter	Weight Stand. Pkge.	Standard Package	List Price
1808	75- 100	8 in.	5 lbs.	1	$3.20
*1810	150- 200	10 in.	7 lbs.	1	3.60
1814	300- 500	14 in.	9 lbs.	1	7.20
1818	750-1500	18 in.	13 lbs.	1	15.00

The above SILV-A-KING floodlights are designed for a variety of uses, such as illuminating garage driveways, porches, gardens, children's playgrounds, small business establishments, roadside stands, signs, parking spaces, etc., where a popular-priced unit is desired.

**When 150 Watt Lamps are used, we recommend a Socket Extension for best results.*

PORTABLE ALUMINUM

ENCLOSED TYPE FLOOD-LIGHTS

WITH FOCUSING MECHANISM

CONSTRUCTION FEATURES

Housing—Heavy gauge aluminum.

Extension Cord—Approved rubber covered wire with rubber moulded cap.

Lens—Special heat-resisting lens.

Inside Finish—Highly polished aluminum.

Outside Finish—Natural aluminum—all grey iron parts heavily cadmium plated.

Bracket—Grey iron cadmium plated. Adjustable to any position.

Focusing Mechanism—Loosen back packing nut and adjust to desired beam.

75-100 WATT FLOODLIGHTS

Catalog Number	Type of Lens	Flood-Light Diameter	Size of Lamp	Weight	Standard Package	List Price
1200	Clear	8½ in.	75-100	6	1	$5.85
1204	Red	8½ in.	75-100	6	1	6.75
1205	Green	8½ in.	75-100	6	1	6.75
1206	Amber	8½ in.	75-100	6	1	6.75
1207	Blue	8½ in.	75-100	6	1	6.75

150-200 WATT FLOODLIGHTS

Catalog Number	Type of Lens	Flood-Light Diameter	Size of Lamp	Weight	Standard Package	List Price
1500	Clear Stippled	10 in.	150-200	8	1	$9.50
1504	Red	10 in.	150-200	8	1	11.25
1505	Green	10 in.	150-200	8	1	11.25
1506	Amber	10 in.	150-200	8	1	11.25
1507	Blue	10 in.	150-200	8	1	11.25

Lenses for 75-100 Watt Flood-light

Catalog Number	Type of Lens	Lens Diameter	List Price
2230	Clear	7⅞ in.	$1.50
2234	Red	7⅞ in.	2.50
2235	Green	7⅞ in.	2.50
2236	Amber	7⅞ in.	2.50
2237	Blue	7⅞ in.	2.50

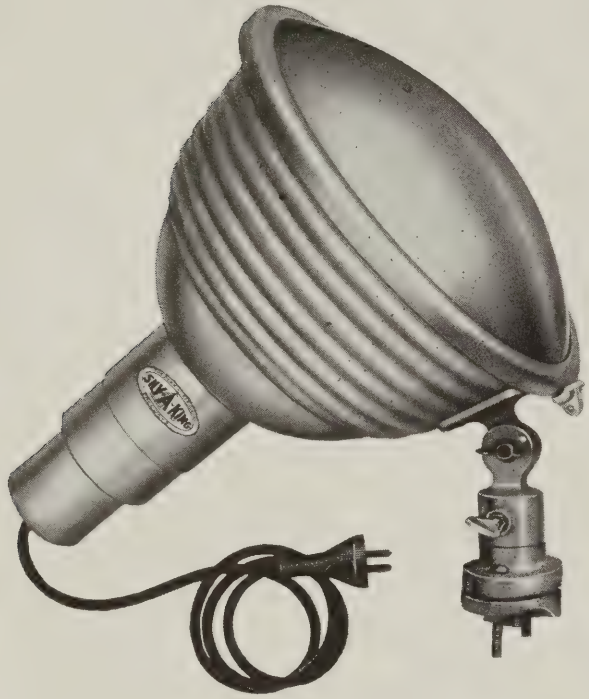
Lenses for 150-200 Watt Flood-light

Catalog Number	Type of Lens	Lens Diameter	List Price
4530	Clear Stippled	9⅜ in.	$3.15
4534	Red	9⅜ in.	4.95
4535	Green	9⅜ in.	4.95
4536	Amber	9⅜ in.	4.95
4537	Blue	9⅜ in.	4.95

ALUMINUM ENCLOSED TYPE

SHORT RANGE FLOOD-LIGHTS

WITH FOCUSING MECHANISM



CONSTRUCTION FEATURES

Reflector—Heavy gauge aluminum.

Extension Cord—Approved rubber covered wire with rubber moulded cap.

Lens—Special heat-resisting lens.

Inside Finish—Highly polished aluminum.

Outside Finish—Natural aluminum—all grey iron parts heavily cadmium plated.

Bracket—Grey iron cadmium plated—can be mounted on pipe, wall, etc.

Focusing Mechanism—Loosen back packing nut and adjust to desired beam.

Catalog Number	Type of Lens	Flood-Light Diameter	Weight	Size of Lamp	Standard Package	List Price
2500	Clear Stippled	12 in.	12 lb.		1	$16.75
2504	Red	12 in.	12 lb.	300-500 Watt	1	20.25
2505	Green	12 in.	12 lb.	P. S. Type	1	20.25
2506	Amber	12 in.	12 lb.	Mogul Base	1	20.25
2507	Blue	12 in.	12 lb.		1	20.25

LENSES FOR ABOVE FLOODLIGHTS

Catalog Number	Type of Lens	Lens Diameter	List Price
3530	Clear Stippled	11¼ in.	$4.50
3534	Red	11¼ in.	8.00
3535	Green	11¼ in.	8.00
3536	Amber	11¼ in.	8.00
3537	Blue	11¼ in.	8.00

The above Flood-lights and those illustrated on the preceding page are adaptable for the illumination of exhibits, display signs, gardens, garage driveways, trees, shrubbery and many other purposes where reasonably priced floodlights are desired.

ALUMINUM ENCLOSED TYPE

MEDIUM-LONG RANGE FLOOD-LIGHTS

WITH SPECULAR ALZAC ALUMINUM INNER BEAM PROJECTOR

FOCUSING MECHANISM

PYREX HEAT RESISTING LENS

CONSTRUCTION FEATURES

Housing—Heavy gauge satin anodic processed aluminum, inside and out. Weather resisting; non-tarnishing; non-corrosive; die-electric.

Lens—Genuine Pyrex heat resisting.

Inner Beam Projector—Specular Alzak aluminum: producing a narrow highly concentrated flood-light beam.

Focusing Mechanism—Loosen back packing nut, adjust to desired beam.

Wiring—Units are wired to Mogul Base Socket and furnished with three feet of heavy duty 14—2 Type S rubber covered cord.

Bracket—Grey iron casting cadmium plated. For pole top mounting, bracket slip-fits over 1½ in. pipe (standard) threaded for 1 inch or 1½ inch pipe (when specified). Attachments for wall mounting or clamping around pole are supplied at no additional cost only when ordered.

Catalog Number	Lamp Size	Flood-Light Diameter	Lens	Overall Length	Weight St. Pkge.	Stand. Pkge.	List Price
*7500	300-500	12¼ in.	Pyrex, Clear	19 in.	12 lb.	1	$22.00
7500 S	300-500	12¼ in.	Pyrex, Spred-Lite	19 in.	12 lb.	1	22.00
7750	750-1500	15 in.	Pyrex, Clear	23 in.	14 lb.	1	32.00
7750 S	750-1500	15 in.	Pyrex, Spred-Lite	23 in.	14 lb.	1	32.00

*Colored Lenses (Red, Green, Amber, Blue) for No. 7500 Floodlight are available at $4.00 additional list.

PYREX LENSES FOR ABOVE FLOOD-LIGHTS

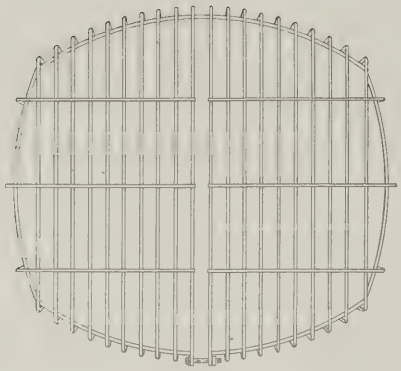
To fit No. 7500 Flood-Light

Catalog Number	Type	Diameter	List Price
7031	Clear	12 in.	$5.00
7033	Spred-Lite	12 in.	5.00

To fit No. 7750 Flood-Light

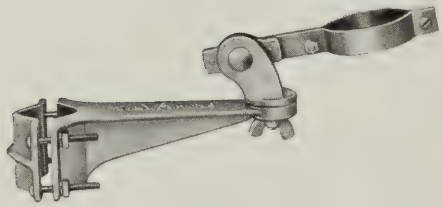
Catalog Number	Type	Diameter	List Price
7037	Clear	14¾ in.	$7.50
7039	Spred-Lite	14¾ in.	7.50

FLOOD-LIGHTING ACCESSORIES



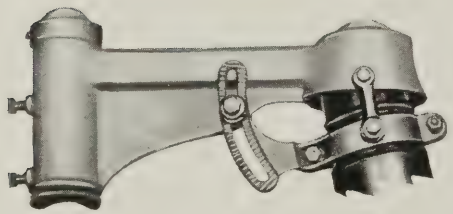
WIRE GUARD

Catalog Number	To Fit Flood-Light No.	List Price
23	3300, 4300	$4.50
27	3750, 4700	5.50



OPEN-TYPE BRACKET

Catalog Number	To Fit Flood-Light No.	List Price
24	3300, 5300	$5.40
28	3750, 5750	6.00



CONCEALED WIRING BRACKET

Catalog Number	To Fit Flood-Light No.	List Price
26	4300, 6300	$6.85
29	4700, 6750	7.45

CAST IRON, GROUND SPIKE

Catalog Number	To Fit Flood-Light No.	List Price
20	see below	$1.50

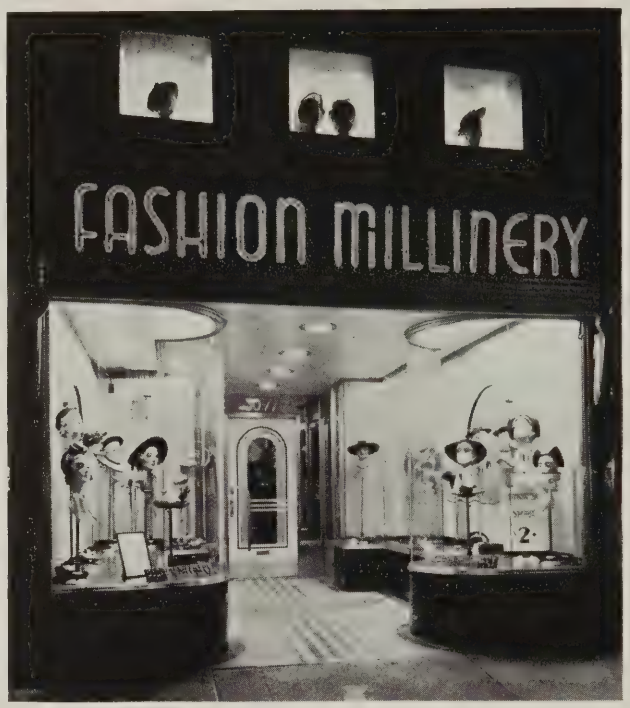
Holes in base of spike are drilled to fit brackets of 1200, 1500, 2500, 7500, and 7750 flood-lights for mounting these units on the ground. Recommended for use in garden lighting, sign lighting and the flood-lighting of buildings and utility areas.

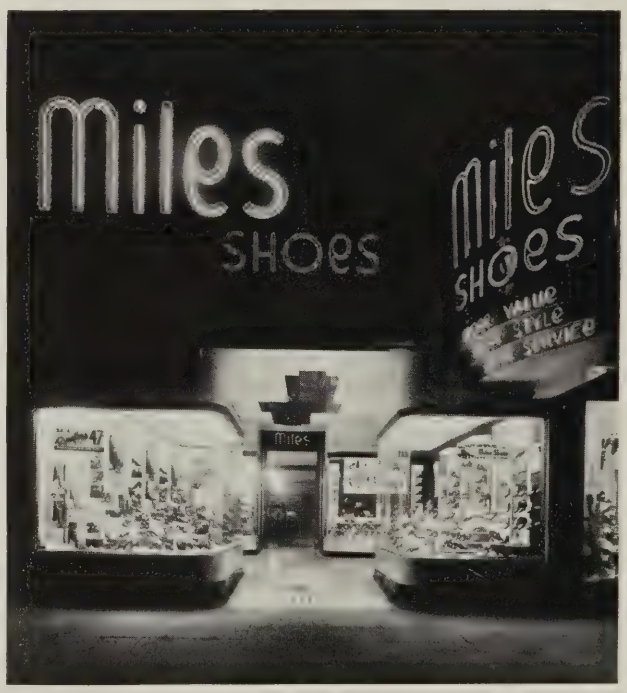
Section IV

COMMERCIAL LIGHTING EQUIPMENT

	Pages
Silvered Crystal Glass Show Window Reflectors	101-112
Silvered Crystal Glass Show Window Flood-Lights	113
Silvered Crystal Glass Show Window Spot-Lights	114-115
Aluminum Show Window Lighting Equipment	116-118
Incandescent Spot-Lights	121-123
Indirect Luminaries	125

TYPICAL SILV-A-KING INSTALLATIONS





TYPICAL SILV-A-KING INSTALLATIONS

VALUE *plus* UTILITY

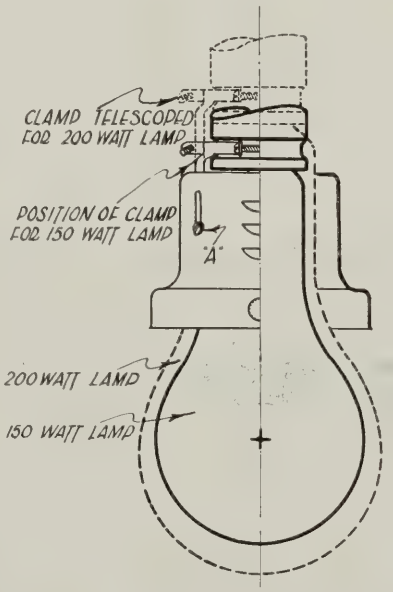
SILV-A-KING SHOW WINDOW REFLECTORS provide the ultimate consumer with a line of lighting equipment that gives him greater value in light output than can be obtained from any other type of reflector at the present time.

In the manufacture of these show window reflectors, SILV-A-KING makes use of the finest clear crystal glass obtainable, this is very important since the transmission of light is a great factor in determining the total reflection of light from the reflector.

The reflecting surface is the ultimate of a process developed and perfected through years of research at the SILV-A-KING plant. The silver used in this process has a chemical purity rating of 99.9 U.S.P.

A reflecting surface impervious to adverse conditions and common handling damages is insured by electrolytically sealing the silver with a double strength coat of copper and two coats of aluminum bronze double-baked to an extreme hardness.

The use of a specially designed holder for SILV-A-KING Show Window Reflectors makes it possible to use two sizes of lamps with the same reflector. The clamp, which eliminates the use of the shade holder, since it can be attached to a brass shell or porcelain socket, can be telescoped or collapsed as required by loosening the screws "A".



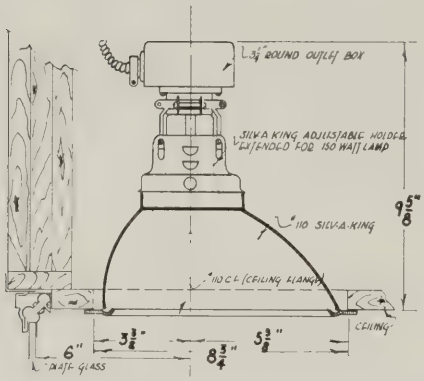
SHOW WINDOW ILLUMINATION DATA

The selection of a properly designed reflector for a specific window illumination problem is the most important step towards obtaining satisfactory results. In general the size of the lamp to be used depends upon the type of merchandise that is being displayed, the location of the store, and the lighting conditions of the surrounding stores. To select the show window reflector with which the best results will be obtained, determine "A", "B" and "C" and apply them to the chart below.

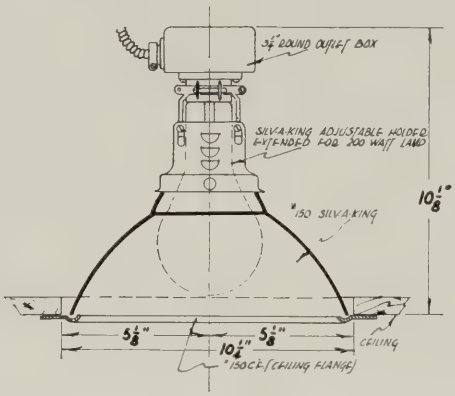
SELECTION CHART

Height From Floor To Ceiling "A"	Distance From Front to Back of Window "B"	Lamp Size	Outlet Spacing	HEIGHT OF BACKGROUND OR DISPLAY "C"							
				1-2′	2-4′	4-6′	6-8′	8-10′	10-12′	12-14′	14-16′
				Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.
	1-3 Ft.			160	110	105					
4-6	3	100	10-12	110	110	105					
Feet	4	Watts	Inches	110	105	105					
	5			110	105	105					
	2 Ft.			160	110	110	105				
6-8	3-5	150	10-12	110	110	105	105				
Feet	5-7	Watts	Inches	110	110	105	105				
	7-9			110	105	105	105				
	2-4 Ft.			150	130	130	130	135			
8-10	4-6	150	12-15	130	130	130	135	135			
Feet	6-8	Watts	Inches	130	130	135	135	135			
	8-10			130	130	135	135	135			
	10-12			130	135	135	135	135			
	3-5 Ft.			150	130	130	130	135	135		
10-12	5-6	150-	12-15	130	130	130	135	135	135		
Feet	6-8	200	Inches	130	130	130	135	135	135		
	8-10	Watts		130	130	135	135	135	135		
	10-12			130	135	135	135	135	135		
	4-6 Ft.			150	130	130	130	130	130	135	
	6-8			130	130	130	130	135	135	135	
12-14	8-10	200	12-15	130	130	130	130	135	135	135	
Feet	10-12	Watts	Inches	130	130	130	135	135	135	135	
	12-14			130	130	135	135	135	135	135	
	14-16			130	135	135	135	135	135	135	
	4-6 Ft.			550	550	510	510	510	510	505	505
	6-8	300-		510	510	510	510	510	505	505	505
14-16	8-10	500	15-18	510	510	510	510	505	505	505	505
Feet	10-12	Watts	Inches	510	510	510	510	505	505	505	505
	12-14			510	510	510	505	505	505	505	505
	14-16			510	510	505	505	505	505	505	505

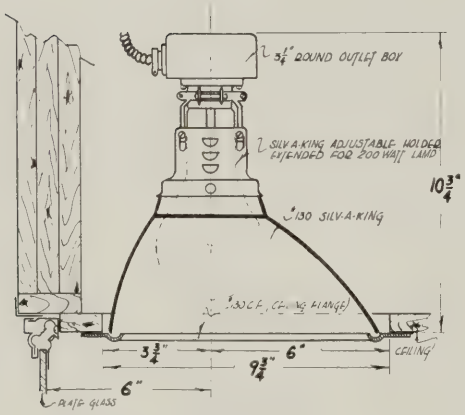
METHODS OF INSTALLATION



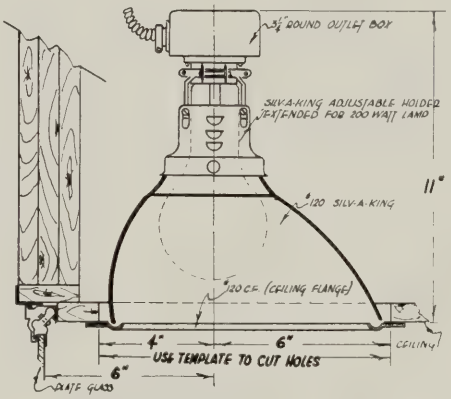
Flush Mounting No. 110



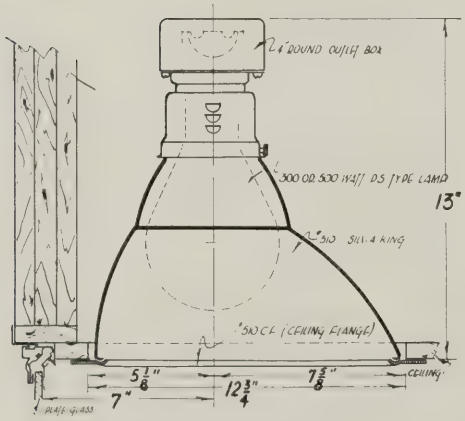
Flush Mounting No. 150



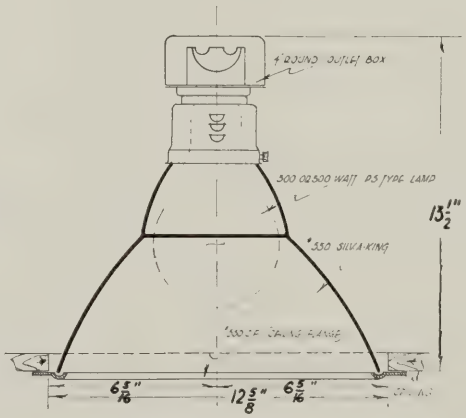
Flush Mounting No. 130



Flush Mounting No. 120

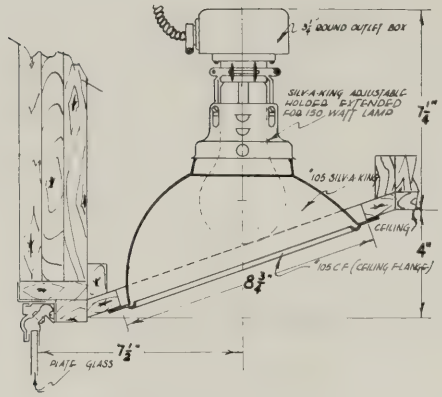


Flush Mounting No. 510

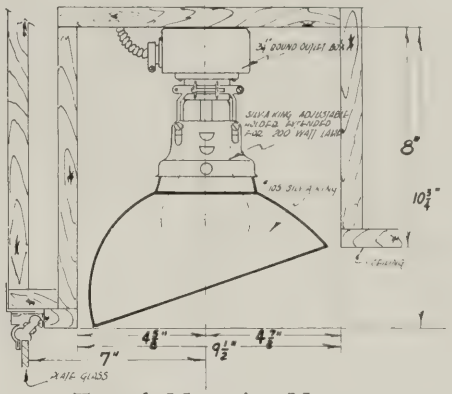


Flush Mounting No. 550

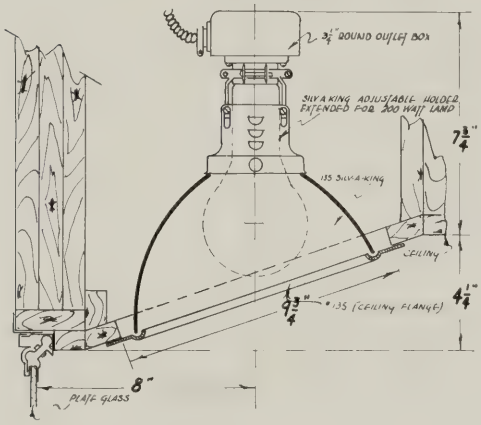
METHODS OF INSTALLATION



Flush Mounting No. 105



Trough Mounting No. 105



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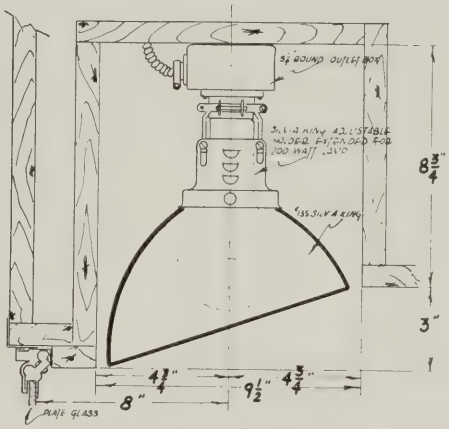
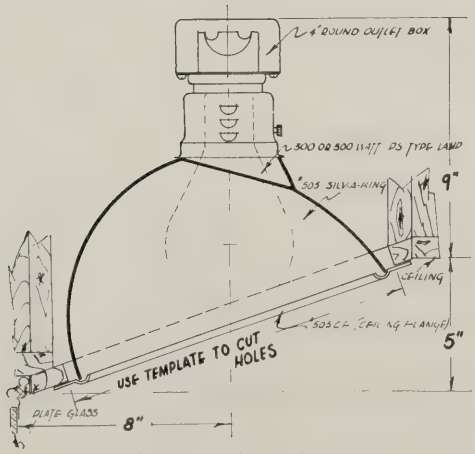


Trough Mounting No. 135



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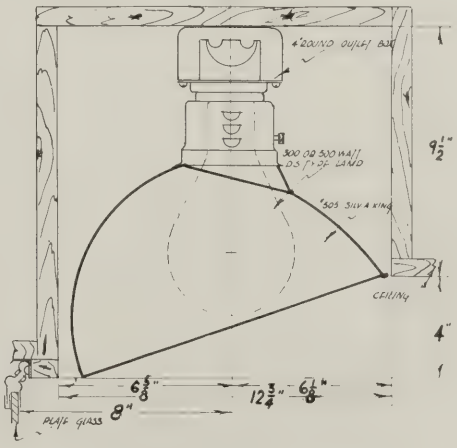
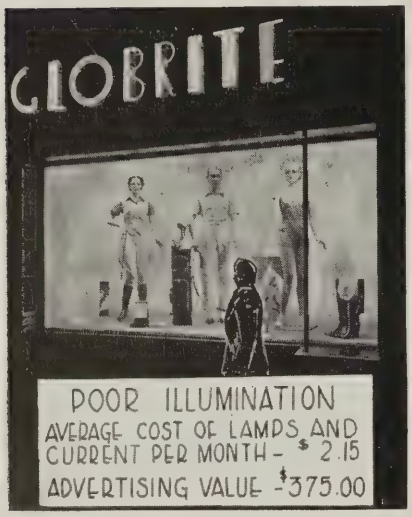
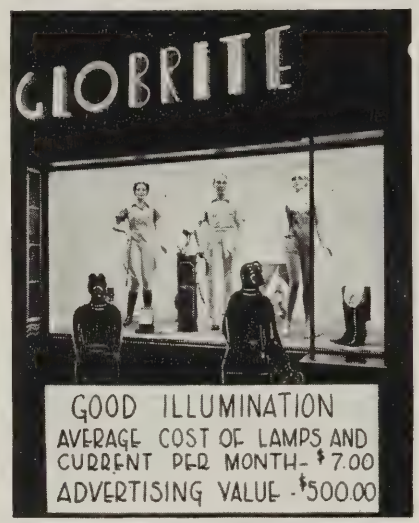
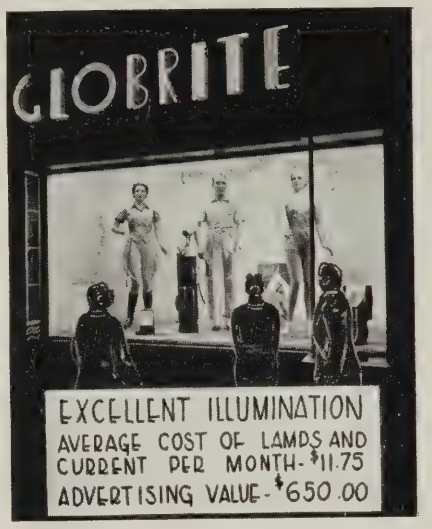


Trough Mounting No. 505

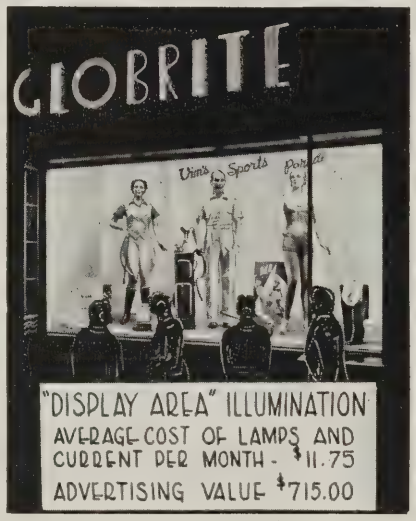
LIGHT SELLS!

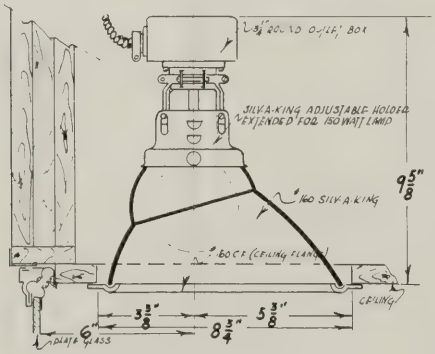




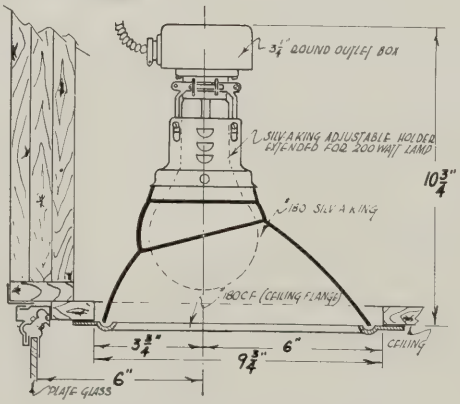


Although good lighting in a show window is universally accepted as a powerful advertising medium, research has not stopped there but has gone further and made a study to ascertain the comparative advertising value of definite areas within a show window. It has been found that a certain front line area, which we have named "Display Area," supplies the greatest advertising value to the merchant. With this in mind SILV-A-KING has designed its "Display Area" line of show window reflectors. These reflectors effectively control light in two ways; They provide general illumination for the show window, but concentrate a major portion of the light to the all important "Display Area."





Flush Mounting No. 160



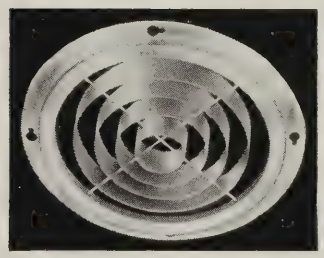
Flush Mounting No. 180

SILVERED CRYSTAL GLASS
SHOW WINDOW REFLECTOR
"DISPLAY AREA"

No. 160

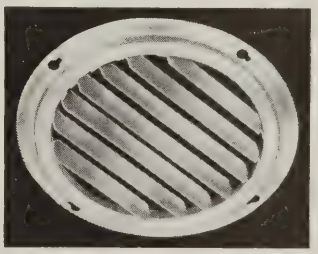
For "Display Area" Lighting

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight Stand. Pkge.	Standard Package	List Price
160	100-150	8⅜ in.	7½ in.	33 lb.	12	$3.50



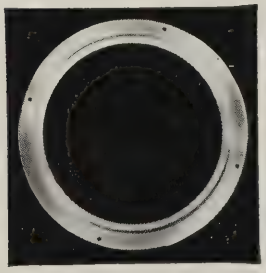
Flush Concentric Louvre (FCL)

See Page 100 For Description and Dimensions



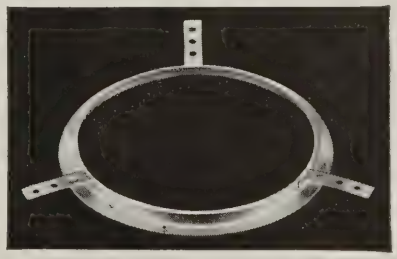
Flush Parallel Louvre (FPL)

FLUSH MOUNTING ACCESSORIES



Ceiling Flange (CF)

Catalog Number	Weight St. Pkge.	Stand. Pkge.	List Price
160 CF	4 lb.	12	$ .50
160 PF	5 lb.	12	.85
160 FCL (Flush)	8 lb.	12	2.00
160 ECL (Exposed)	8 lb.	12	2.00
160 FPL (Flush)	8 lb.	12	2.00
160 EPL (Exposed)	8 lb.	12	2.00



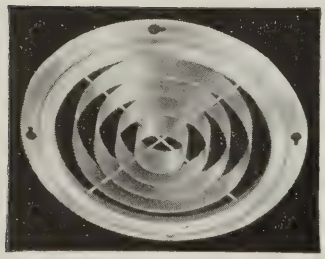
Plaster Flange (PF)

SILVERED CRYSTAL GLASS
SHOW WINDOW REFLECTOR
"DISPLAY AREA"

No. 180

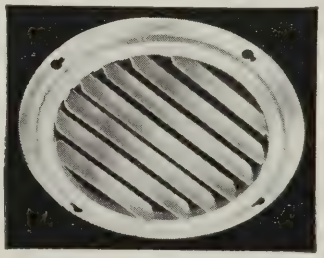
For "Display Area" Lighting

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight Stand. Pkge.	Standard Package	List Price
180	150-200	9½ in.	8¾ in.	45 lb.	12	$4.00



Flush Concentric Louvre (FCL)

See Page 100 For Description and Dimensions



Flush Parallel Louvre (FPL)

FLUSH MOUNTING ACCESSORIES

Ceiling Flange (CF)

Catalog Number	Weight St. Pkge.	Stand. Pkge.	List Price
180 CF	5 lb.	12	$ .60
180 PF	6 lb.	12	.90
180 FCL (Flush)	13 lb.	12	2.25
180 ECL (Exposed)	13 lb.	12	2.25
180 FPL (Flush)	13 lb.	12	2.25
180 EPL (Exposed)	13 lb.	12	2.25

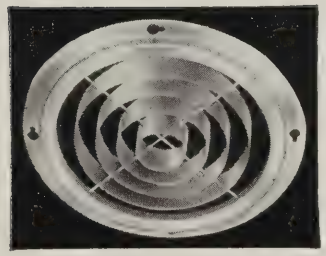
Plaster Flange (PF)

SILVERED CRYSTAL GLASS
SHOW WINDOW REFLECTOR

No. 110

For Shallow Windows

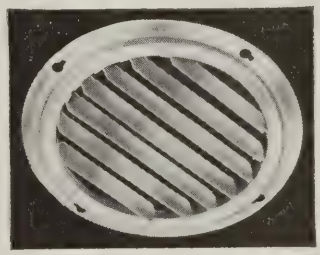
Catalog Number	Size of Lamp	Diameter	Overall Height	Weight Stand. Pkge.	Standard Package	List Price
110	100-150	8⅜ in.	7½ in.	40 lb.	12	$3.50



Flush Concentric Louvre (FCL)

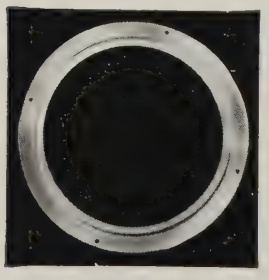
See Chart on Page 97
For Reflector Spacings
and Lamp Size

See Page 98
For Methods of Installation
and Important Dimensions



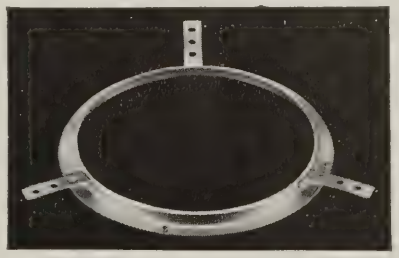
Flush Parallel Louvre (FPL)

FLUSH MOUNTING ACCESSORIES



Ceiling Flange (CF)

Catalog Number	Weight St. Pkge.	Stand. Pkge.	List Price
110 CF	4 lb.	12	$ .50
110 PF	5 lb.	12	.85
110 FCL (Flush)	8 lb.	12	2.00
110 ECL (Exposed)	8 lb.	12	2.00
110 FPL (Flush)	8 lb.	12	2.00
110 EPL (Exposed)	8 lb.	12	2.00



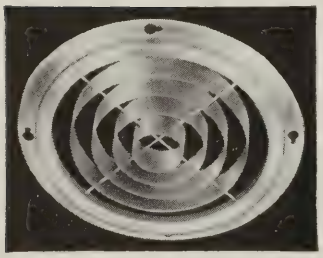
Plaster Flange (PF)

SILVERED CRYSTAL GLASS
SHOW WINDOW REFLECTOR

No. 130

For Shallow Windows

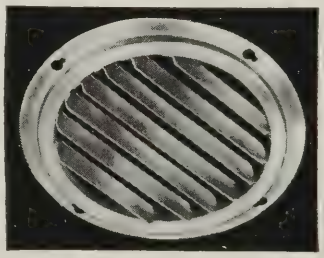
Catalog Number	Size of Lamp	Diameter	Overall Height	Weight Stand. Pkge.	Standard Package	List Price
130	150-200	9½ in.	8¾ in.	45 lb.	12	$4.00



Flush Concentric Louvre (FCL)

See Chart on Page 97
For Reflector Spacings
and Lamp Size

See Page 98
For Methods of Installation
and Important Dimensions



Flush Parallel Louvre (FPL)

FLUSH MOUNTING ACCESSORIES

Ceiling Flange (CF)

Catalog Number	Weight St. Pkge.	Stand. Pkge.	List Price
130 CF	5 lb.	12	$ .60
130 PF	6 lb.	12	.90
130 FCL (Flush)	13 lb.	12	2.25
130 ECL (Exposed)	13 lb.	12	2.25
130 FPL (Flush)	13 lb.	12	2.25
130 EPL (Exposed)	13 lb.	12	2.25

Plaster Flange (PF)

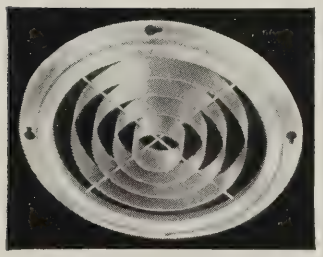
SILVERED CRYSTAL GLASS
SHOW WINDOW REFLECTOR

COMPLETE WITH MOGUL
SOCKET AND 4" COVER

No. 510

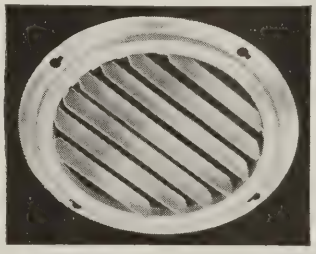
For Large Shallow Windows

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight Stand. Pkge.	Standard Package	List Price
510	300-500	12⅜ in.	11 in.	36 lb.	4	$9.25



Flush Concentric Louvre (FCL)

Unit can be equipped with a Mogul Base Socket for a 2-filament lamp at $.50 additional list

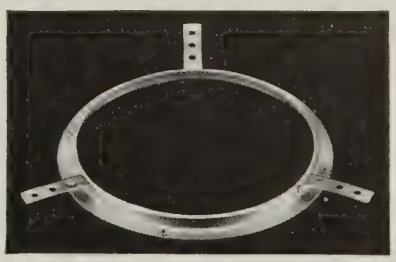


Flush Parallel Louvre (FPL)

FLUSH MOUNTING ACCESSORIES

Ceiling Flange (CF)

Catalog Number	Weight St. Pkge.	Stand. Pkge.	List Price
510 CF	3 lb.	4	$1.00
510 PF	4 lb.	4	1.50
510 FCL (Flush)	7 lb.	4	3.45
510 ECL (Exposed)	7 lb.	4	3.45
510 FPL (Flush)	7 lb.	4	3.45
510 EPL (Exposed)	7 lb.	4	3.45



Plaster Flange (PF)

SILVERED CRYSTAL GLASS
SHOW WINDOW REFLECTOR

No. 105

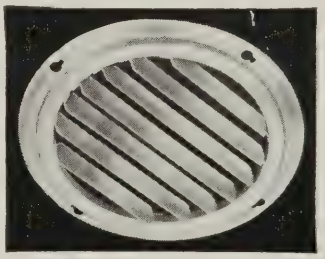
For Deep Windows

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight Stand. Pkge.	Standard Package	List Price
105	100-150	8 3/8 in.	8 5/8 in.	40 lb.	12	$3.50

Flush Concentric Louvre (FCL)

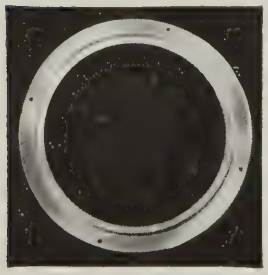
See Chart on Page 97 For Reflector Spacings and Lamp Size

See Page 99 For Methods of Installation and Important Dimensions



Flush Parallel Louvre (FPL)

FLUSH MOUNTING ACCESSORIES



Ceiling Flange (CF)

Catalog Number	Weight St. Pkge.	Stand. Pkge.	List Price
105 CF	4 lb.	12	$ .50
105 PF	5 lb.	12	.85
105 FCL (Flush)	8 lb.	12	2.00
105 ECL (Exposed)	8 lb.	12	2.00
105 FPL (Flush)	8 lb.	12	2.00
105 EPL (Exposed)	8 lb.	12	2.00

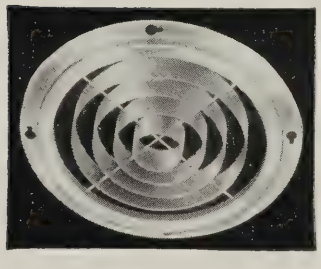
Plaster Flange (PF)

SILVERED CRYSTAL GLASS
SHOW WINDOW REFLECTOR

No. 135

For Deep Windows

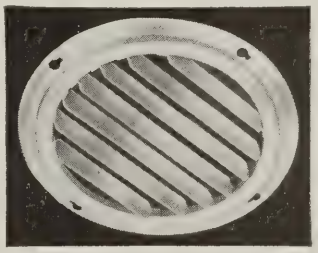
Catalog Number	Size of Lamp	Diameter	Overall Height	Weight Stand. Pkge.	Standard Package	List Price
135	150-200	9½ in.	9½ in.	45 lb.	12	$4.00



Flush Concentric Louvre (FCL)

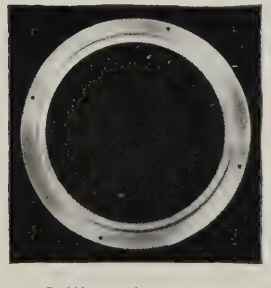
See Chart on Page 97
For Reflector Spacings
and Lamp Size

See Page 99
For Methods of Installation
and Important Dimensions



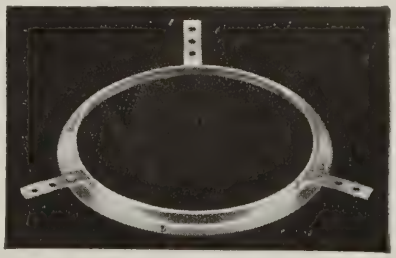
Flush Parallel Louvre (FPL)

FLUSH MOUNTING ACCESSORIES



Ceiling Flange (CF)

Catalog Number	Weight St. Pkge.	Stand. Pkge.	List Price
135 CF	5 lb.	12	$ .60
135 PF	6 lb.	12	.90
135 FCL (Flush)	13 lb.	12	2.25
135 ECL (Exposed)	13 lb.	12	2.25
135 FPL (Flush)	13 lb.	12	2.25
135 EPL (Exposed)	13 lb.	12	2.25



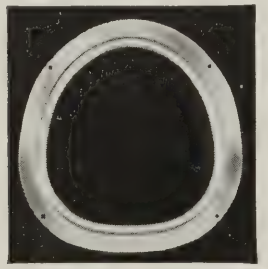
Plaster Flange (PF)

SILVERED CRYSTAL GLASS
SHOW WINDOW REFLECTOR
COMPLETE WITH MOGUL SOCKET AND 4" COVER

No. 505

For Large Deep Windows

Catalog Number	Size of Lamp	Dimensions	Overall Height	Weight Stand. Pkge.	Stand. Pkge.	List Price
505	300-500	*12 in. x 12⅜ in.	11⅜ in.	35 lb.	4	$9.25



Ceiling Flange (C.F.)

Catalog Number	Weight Stand. Pkge.	Stand. Pkge.	List Price
505 C.F.	14 lb.	4	$1.00

Unit can be equipped with a Mogul Base Socket for a 2-filament lamp at $.50 additional list.

*NOTE:—SILV-A-KING No. 505 is eccentric in shape. However, the ceiling flange is so constructed that the hole in the ceiling for a flush mounting installation should be cut perfectly round. See page 99.

SILVERED CRYSTAL GLASS
SHOW WINDOW REFLECTORS

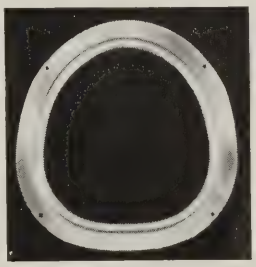
No. 115

For Deep Windows

Catalog Number	Size of Lamp	Dimensions	Overall Height	Weight Stand. Pkge.	Stand. Pkge.	List Price
115	150-200	9⅛ in. x 9⅛ in.	9½ in.	45 lb.	12	$4.00

No Flush Mounting Accessories are available for this unit due to its eccentric shape.

No. 120



Ceiling Flange (C.F.)

Catalog Number	Weight Stand. Pkge.	Stand. Pkge.	List Price
120 C.F.	5 lb.	12	$ .70

For Shallow Windows

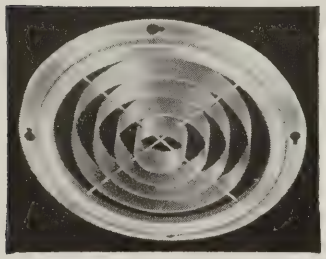
Catalog Number	Size of Lamp	Dimensions	Overall Height	Weight Stand. Pkge.	Stand. Pkge.	List Price
120	150-200	9 in. x 9⅝ in.	9 in.	45 lb.	12	$4.00

SILVERED CRYSTAL GLASS
SHOW WINDOW REFLECTOR

No. 150

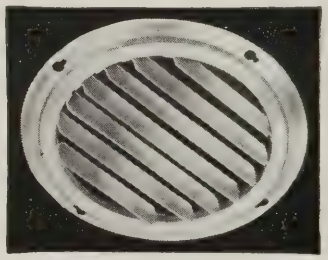
For Auxiliary Lighting

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight Stand. Pkge.	Standard Package	List Price
150	150-200	10 in.	8¼ in.	27 lb.	8	$4.50



Flush Concentric Louvre (FCL)

See Page 98
For Methods of Installation and Important Dimensions

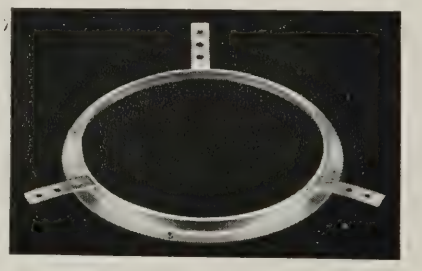


Flush Parallel Louvre (FPL)

FLUSH MOUNTING ACCESSORIES

Ceiling Flange (CF)

Catalog Number	Weight St. Pkge.	Stand. Pkge.	List Price
150 CF	4 lb.	8	$ .60
150 PF	5 lb.	8	.90
150 FCL (Flush)	11 lb.	8	2.25
150 ECL (Exposed)	11 lb.	8	2.25
150 FPL (Flush)	11 lb.	8	2.25
150 EPL (Exposed)	11 lb.	8	2.25



Plaster Flange (PF)

SILVERED CRYSTAL GLASS
SHOW WINDOW REFLECTOR

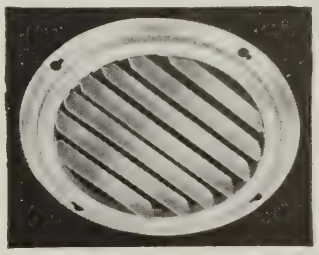
No. 125

For Auxiliary Lighting

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight Stand. Pkge.	Standard Package	List Price
125	150-200	10 in.	9 in.	28 lb.	8	$4.50

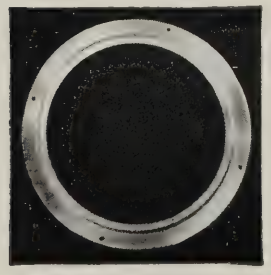
Flush Concentric Louvre (FCL)

See Page 98
For Methods of Installation and Important Dimensions



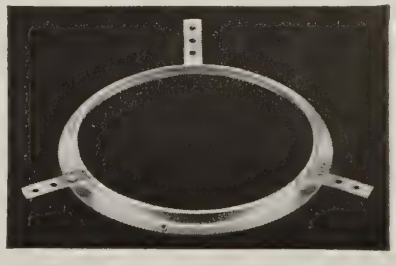
Flush Parallel Louvre (FPL)

FLUSH MOUNTING ACCESSORIES



Ceiling Flange (CF)

Catalog Number	Weight St. Pkge.	Stand. Pkge.	List Price
125 CF	4 lb.	8	$ .60
125 PF	5 lb.	8	.90
125 FCL (Flush)	11 lb.	8	2.25
125 ECL (Exposed)	11 lb.	8	2.25
125 FPL (Flush)	11 lb.	8	2.25
125 EPL (Exposed)	11 lb.	8	2.25



Plaster Flange (PF)

SILVERED CRYSTAL GLASS
SHOW WINDOW REFLECTOR

COMPLETE WITH MOGUL
SOCKET AND 4" COVER

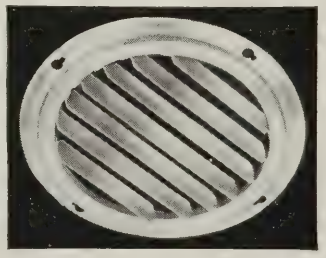
No. 550

For Intense Auxiliary Lighting

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight Stand. Pkge.	Standard Package	List Price
550	300-500	12⅜ in.	11¾ in.	36 lb.	4	$8.75

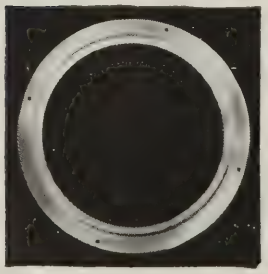
Flush Concentric Louvre (FCL)

Unit can be equipped with a Mogul Base Socket for a 2-filament lamp at $.50 additional list



Flush Parallel Louvre (FPL)

FLUSH MOUNTING ACCESSORIES



Ceiling Flange (CF)

Catalog Number	Weight St. Pkge.	Stand. Pkge.	List Price
550 CF	3 lb.	4	$1.00
550 PF	4 lb.	4	1.50
550 FCL (Flush)	7 lb.	4	3.45
550 ECL (Exposed)	7 lb.	4	3.45
550 FPL (Flush)	7 lb.	4	3.45
550 EPL (Exposed)	7 lb.	4	3.45

Plaster Flange (PF)

SILVERED CRYSTAL GLASS
SHOW WINDOW FLOODLIGHT

No. 250

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight Stand. Pkge	Stand. Pkge.	List Price
250	200	10½ in.	10⅞ in.	60 lb.	8	$9.50

The SILV-A-KING No. 250 FLOOD-LIGHT is designed to create diffused auxiliary lighting or special color effects in show window illumination.

This SILV-A-KING FLOOD-LIGHT comes completely equipped as illustrated above and includes a set of 4 color screens (red, green, amber, wine).

The SWIVEL BRACKET makes it possible to mount the spot-light to the floor. walls or ceiling and is adjustable to any position or angle desired.

ADDITIONAL SETS OF COLOR SCREENS

Catalog Number	Size	Colors per Set	Standard Package	List Price
6	10½ x 10½ in.	Red, Green, Amber, Wine	10 sets	$.50

SILVERED CRYSTAL GLASS
SHOW WINDOW SPOTLIGHT

No. 200

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight Stand. Pkge	Stand. Pkge.	List Price
200	200	10½ in.	11⅞ in.	60 lb.	8	$9.50

The SILV-A-KING No. 200 SPOTLIGHT is designed to create high-lighting or special color effects in show window illumination.

This SILV-A-KING SPOT-LIGHT comes completely equipped as illustrated above and includes a set of 4 color screens (red, green, amber, wine).

The SWIVEL BRACKET makes it possible to mount the floodlight to the floor, walls or ceiling and is adjustable to any position or angle desired.

ADDITIONAL SETS OF COLOR SCREENS

Catalog Number	Size	Colors per Set	Standard Package	List Price
6	10½ x 10½	Red, Green, Amber, Wine	10 sets	$.50

SILVERED CRYSTAL GLASS
SHOW WINDOW SPOTLIGHT

MOGUL SOCKET TYPE

No. 500

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight Stand. Pkge	Stand. Pkge.	List Price
350	300	12⅜ in.	17¼ in.	11 lb.	1	$11.75
500	500	13⅜ in.	17¾ in.	12 lb.	1	$13.75

These SILV-A-KING SPOT-LIGHTS are designed to create pronounced high-lighting in the illumination of large show windows.

The SWIVEL BRACKET makes it possible to mount the spot-light to the floor, walls or ceiling and is adjustable to any position or angle desired.

UNITS come completely equipped as illustrated above.

SEAMLESS ALUMINUM
SHOW WINDOW FLOODLIGHT

No. 400

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight Stand. Pkge	Stand. Pkge.	List Price
400	200	10½ in.	10½ in.	34 lb.	8	$3.60

The SILV-A-KING No. 400 FLOOD-LIGHT is designed to create diffused Auxiliary lighting or special color effects in show window illumination.

This SILV-A-KING FLOODLIGHT comes completely equipped as illustrated above and includes a set of 4 color screens (red, green, amber, wine).

The SWIVEL BRACKET makes it possible to mount the floodlight to the floor, walls or ceiling and is adjustable to any position or angle desired.

ADDITIONAL SETS OF COLOR SCREENS

Catalog Number	Size	Colors per Set	Standard Package	List Price
6	10½ x 10½	Red, Green, Amber, Wine	10 sets	$.50

ALL-ALUMINUM
SHOW WINDOW SPOTLIGHT

No. 300

Catalog Number	Size of Lamp	Diameter	Overall Height	Weight Stand. Pkge	Stand. Pkge.	List Price
300	200	10½ in.	11⅞ in.	26 lb.	8	$5.00

The SILV-A-KING No. 300 SPOTLIGHT is designed to create high-lighting or special color effects in show window illumination.

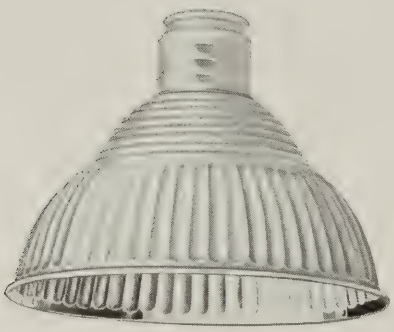
UNITS come completely equipped as illustrated above and includes a set of 4 color screens (red, green, amber, wine).

The SWIVEL BRACKET makes it possible to mount the spot-light to the floor, walls or ceiling and is adjustable to any position or angle desired.

ADDITIONAL SETS OF COLOR SCREENS

Catalog Number	Size	Colors per Set	Standard Package	List Price
6	10½ x 10½	Red, Green, Amber, Wine	10 sets	$.50

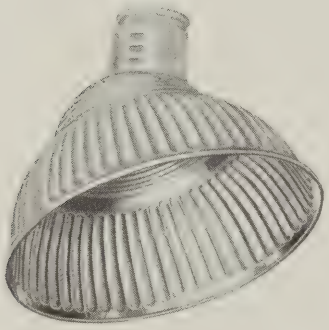
CHROME-POLISH
ALUMINUM WINDOW REFLECTORS



"S" Type

"S" (Straight) TYPE REFLECTORS
are adaptable for the illumination
of Shallow Show Windows

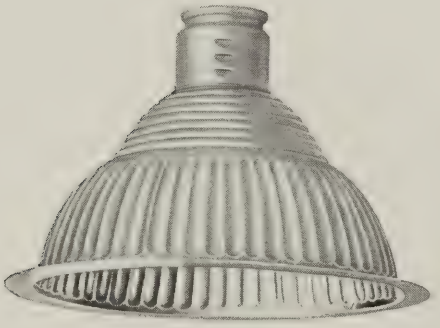
Catalog Number	Size of Lamp	Diam.	Overall Height	Stand. Pkge.	Wgt. St. Pkge.	List Price
1408S	75-100	8⅛ in.	6⅜ in.	10	5 lb.	$1.20
1410S	150-200	9⅛ in.	6⅝ in.	10	6 lb.	1.40



"A" Type

"A" (Angle) TYPE REFLECTORS
are adaptable for the illumination of
Deep Show Windows

Catalog Number	Size of Lamp	Diam.	Overall Height	Stand. Pkge.	Wgt. St. Pkge.	List Price
1408A	75-100	8⅛ in.	8 in.	10	5 lb.	$1.20
1410A	150-200	9⅛ in.	8⅝ in.	10	6 lb.	1.40



"C.F." Type

"C.F." (Ceiling Flange) TYPE REFLECTORS
are adaptable for the illumination of
Shallow Show Windows
where Flush Mounting is desirable

Catalog Number	Size of Lamp	Diam.	Overall Height	Stand. Pkge.	Wgt. St. Pkge.	List Price
1408C.F.	75-100	8 in.	6¼ in.	10	6 lb.	$1.30
1410C.F.	150-200	9 in.	6¾ in.	10	7 lb.	1.50

POOL-TABLE REFLECTORS

No. 16

Cat. No.	Size of Lamp	Diam.	Height	Stand. Pkge.	Shpg. Wt.	List Price
16	50-100	16 in.	8½ in.	1	6 lb.	$3.50
16B	50-100	16 in.	8½ in.	1	6 lb.	4.50

SILV-A-KING REFLECTOR No. 16 is especially designed for the illumination of billiard and pool tables. The wide distribution of light produced by this Reflector avoids any undue concentration directly below the unit.

The SILV-A-KING No. 16B REFLECTOR is identically the same as No. 16 with the exception that the border of the interior is finished with a bright blue paint enamel. This finishing touch produces a soft, pleasing, yet brilliant illumination and eliminates shadows.

SILV-A-KING POOL TABLE REFLECTORS are made of steel and the neck is for standard 2¼-inch shade holder. The reflecting surface is finished with white paint enamel and the exterior finish is dark brown paint enamel, harmonizing with the framework of the tables.

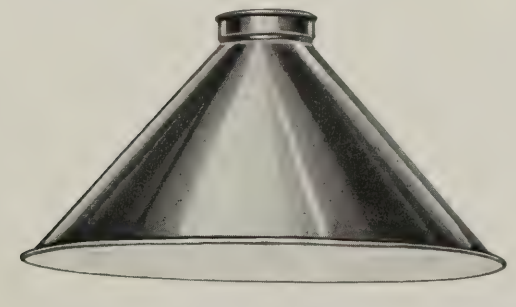
MIRROR LINED METAL REFLECTORS

These window reflectors are fitted on the lower inside section with corrugated mirrors of the highest quality. The upper inside section is treated by a special plating process which assures good reflection.

Outside finish in high grade green enamel.

Catalog Number	Size of Lamp	Type	Standard Package	Weight Stand. Pkge.	List Price
8A	75-100	Angle	40	35 lb.	$1.50
8S	75-100	Straight	40	35 lb.	1.50

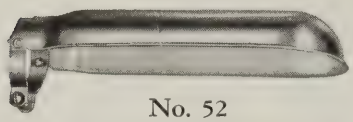
Ceiling Flange Available for Above Units at $.35 List



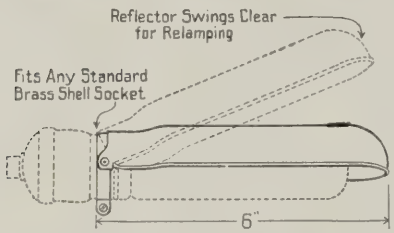
TIN CONE SHADES

This is a sturdy tin cone shade constructed of heavy gauge metal. It is a particularly good value and may be used for all general utility purposes. Finished white enamel inside and green enamel outside.

Cat. No.	Diameter	Height	Unit Package	Standard Package	Weight Stand. Pkge	List Price
50	10 in.	5 in.	24	1 gross	70 lb.	$42.00 gr.



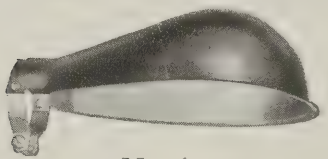
No. 52



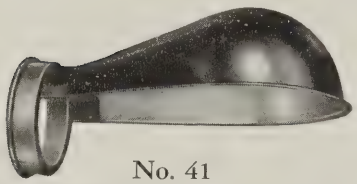
TUBULAR HALF SHADES

For Standard Brass Shell Socket and T-10 Tubular Lamp. Inside Finished Aluminum, Outside Finished as Listed.

Cat. No.	Description	Weight Stand. Pkge.	Stand. Pkge.	List Price
52	Brass, Finished Polished Chromium	3 lb.	10	$.70
53	Steel, Finished Green Enamel	3 lb.	10	.50



No. 42

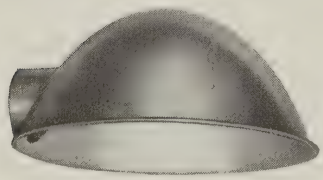


No. 41

HALF-HAND STEEL SHADES

Finished Inside Aluminum, Outside Green.

Cat. No.	Description	Lamp Size	Stand. Pkge.	Unit Pkge.	Weight Stand. Pkge.	List Price
42	For Brass Shell Socket	25-60	1 gr.	36	50 lb.	$40.00 gross
41	For 2¼" Shade Holder	25-60	1 gr.	36	50 lb.	40.00 gross

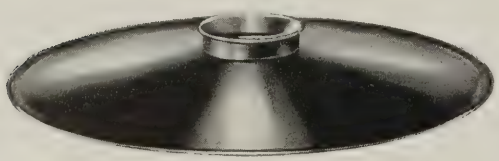


No. 57

PARABOLA REFLECTORS

For Standard Brass Shell Sockets. Inside Finished Aluminum, Outside Finished as Listed.

Cat. No.	Description	Lamp Size	Stand. Pkge.	Unit Pkge.	Weight Stand. Pkge.	List Price
57	Steel, Finished Green Enamel	25-60	100	25	45 lb.	$.40
59	Steel, Finished Brown Enamel	25-60	100	25	45 lb.	.40



No. 54

TIN FLAT SHADES

Finished White Enamel Inside, Green Enamel Outside.

Cat. No.	Diameter	Stand. Pkge.	Unit Pkge.	Weight Stand. Pkge.	List Price
54	8 in.	100	25	24 lb.	$.30
55	10 in.	100	25	40 lb.	.40
56	12 in.	100	25	52 lb.	.50

INCANDESCENT SPOTLIGHTS

THE 5500 LINE
For G40 (500W)
or G40 (1000W)
Spotlight Lamp

No. 5500C

No. 5500H

These spotlights are sturdily constructed of heavy gauge sheet metal with front, back and sides of cast aluminum. A hinged door at the top provides immediate access to the lamp.

The 5500 spotlight is regularly equipped with Mogul receptacle on a sliding base (for focusing), a 5 in. plano-convex lens, asbestos wire leads, one color frame and one set of color screens (red, green, amber, blue and wine).

Ample ventilation is provided for. The front is made with slide grooves to receive all standard makes of color frames or color wheels.

Extra Gelatin Color Screen Set (Red, Green, Amber, Blue, Wine) List $.20 per set. Color Wheels and Frames listed on page 123.

No. 5500

Catalog Number	Type	Standard Package	Weight Stand. Pkge.	List Price
5500	Wall Bracket	1	14 lb.	$30.00
5500C	Telescopic Stand with Casters	1	30 lb.	43.00
5500H	Suspension Type	1	14 lb.	30.00
5500S	Telescopic Stand less Casters	1	30 lb.	39.00

INCANDESCENT SPOTLIGHTS

THE 5250 LINE For G30 (250W) or G30 (400W) Spotlight Lamp

No. 5250B

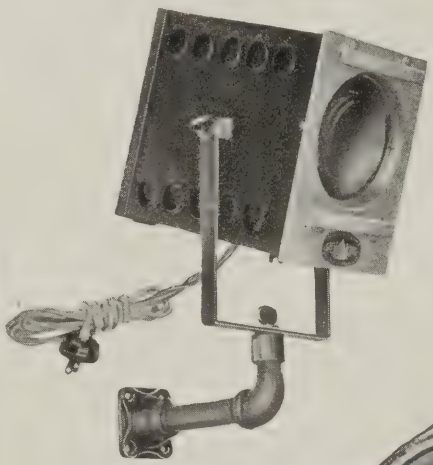
These spot-lights are made of heavy gauge metal with cast aluminum fronts. A hinged door at the back permits re-lamping.

The 5250 spot-light is regularly equipped with a medium receptacle on a sliding base (for focusing) a 4½ in. plano-convex lens, a complete approved cord set, one color frame and one set of color screens (red, green, amber, blue, wine). Sufficient ventilation is provided for. The cast front has slide grooves to receive color frames or color wheels.

Extra Gelatin Color Screen Set (Red, Green, Amber, Blue, Wine) List $.20 per set. Color Screens and Frames listen on page 123.

No. 5250S

No. 5250H

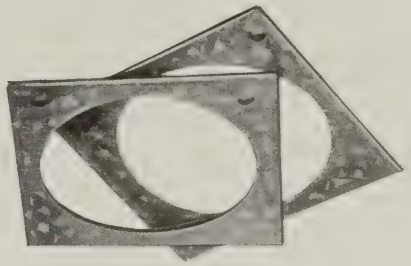


No. 5250

Catalog Number	Type	Standard Package	Weight Stand. Pkge.	List Price
5250	Wall Bracket	4	28 lb.	$8.25
5250B	Pedestal	4	28 lb.	8.25
5250H	Suspension	4	28 lb.	8.25
5250S	Telescopic Stand	1	20 lb.	16.00

COLOR WHEELS *and* COLOR FRAMES

FOR ALL LISTED SPOTLIGHTS



Color Frame

	List Price
Color Frames for All Listed Spotlights	.40
Man Wheel for **No. 5250** Line	$6.25
Man Wheel for **No. 5500** Line	7.50

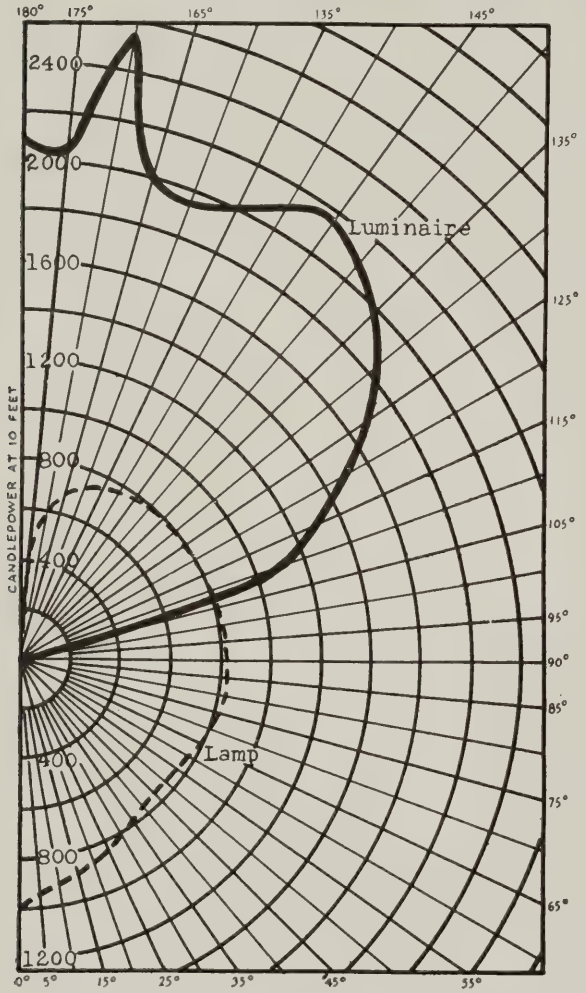
Man Wheel

ELECTRICAL TESTING LABORATORIES

New York, N. Y. July 15, 1937

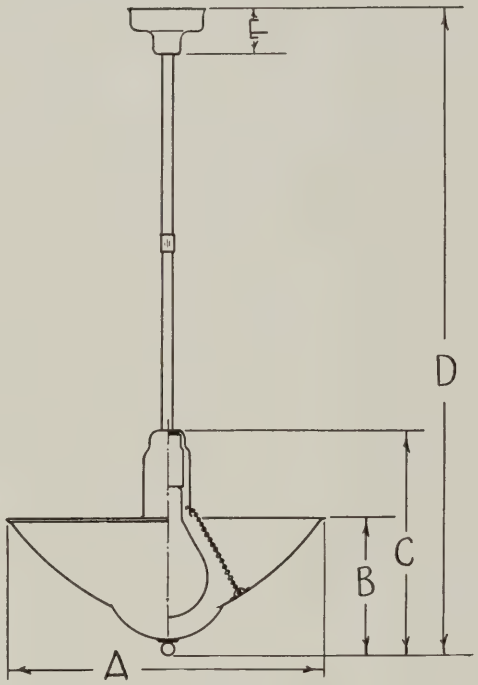
CERTIFIED CANDLEPOWER DISTRIBUTION
No. 17500 UNIT

LAMP—500 Watts; 115 Volts; 10000 Lumens;
PS40 Clear Gas-Filled Bulb;
C-7A Filament; Mogul Base; General Service.



LUMINAIRE DISTRIBUTION DATA

Mid-Zone Angles	Candlepower at 10 feet	Zonal Lumens
180° zen.	2080	
175°	2040	205
165°	2010	598
155°	2000	930
145°	2150	1333
135°	1970	1525
125°	1680	1509
115°	1280	1298
105°	247	410
95°	63.5	69



CONSTRUCTION FEATURES

BOWL—Porcelain Enameled on heavy gauge Armco Ingot Iron, 3 coats white inside — Ivory outside.

HANGER—Porcelain enameled socket cover and canopy.
Chain type — steel chain satin cadmium finish.
Stem type — ivory, synthetic enameled stem with brass, cadmium satin finished coupling and swivel.

CANOPY—Porcelain enameled.
The 200 watt and 300-500 watt are supplied with a knock-out for a canopy pull switch.

FINISH — All fixtures are finished with SILV-A-KING special ivory vitreous enamel outside.

RELAMPING — Unhooking one of the three bead chain supports gives instant access to the bowl for cleaning and relamping.

PACKING — Each unit complete, — individually packed in corrugated carton.

Approximate wattage requirements under average conditions with light finished ceiling and walls to obtain from 15 to 20 foot candles.

Ceiling Height	Outlet Spacing	Size Lamps
8 feet	8 feet	200 Watts
10 feet	10 feet	300 Watts
12 feet	14 feet	500 Watts
14 feet	16 feet	750 Watts
16 feet	18 feet	1000 Watts
18 feet	20 feet	1500 Watts

Ceilings and upper walls of darker shades will decrease efficiency approximately 20%.

HIGH EFFICIENCY PORCELAIN ENAMELED
INDIRECT LUMINAIRES

CHAIN TYPE

Catalog Number	Size of Lamp	Dimensions "A"	"B"	"C"	"D"	"E"	List Price
16200	200	15¼	7¼	11¾	34	2⅝	$11.55
16500	300-500	19¾	9	13¾	40	2⅝	15.75
16750	750-1500	27	10⅝	17⅛	46	2⅝	23.25

EXTRA LENGTHS OF CHAIN Supplied at
50c Per Ft. or Fraction Add. List

STEM TYPE

Catalog Number	Size of Lamp	Dimensions "A"	"B"	"C"	"D"	"E"	List Price
17200	200	15¼	7¼	11¾	34	2⅝	$13.35
17500	300-500	19¾	9	13¾	40	2⅝	17.40
17750	750-1500	27	10⅝	17⅛	46	2⅝	24.75

ADDITIONAL LENGTH STEM and COUPLING:—
6″ 50c Add. List 12″ 70c Add. List

A Mogul Base Socket for 2-Filament Lamp can be supplied at $.75 Add. List

Prices Are F. O. B. N. Y. — No Freight Allowed

NUMERICAL INDEX

Cat. No.	Page	List Price	Std. Pkge.	Schedule	Code Word
6	113	$ .50	10	J	Baby
8A	119	1.50	40	L	Babyish
8S	119	1.50	40	L	Babylon
16	119	3.50	1	L	Bachelor
16B	119	4.50	1	L	Backbite
20	92	1.50	1	F	Backbone
21	81	3.00	1	F	Backdoor
22	81	6.00	1	F	Backing
23	92	4.50	1	F	Backside
24	92	5.40	1	F	Backward
26	92	6.85	1	F	Baden
27	92	5.50	1	F	Badge
28	92	6.00	1	F	Badinage
29	92	7.45	1	F	Badly
30	35	.90	10	A	Badness
30PS	35	1.70	10	A	Baffle
30SA	35	1.00	10	A	Bag
31	35	.90	10	A	Bagdad
33	35	.90	10	A	Bagman
35	35	.60	10	A	Bagpipe
36	35	1.50	5	A	Bagstock
36SA	35	1.60	5	A	Bailiff
41	120	40.00	1 gr.	L	Bain
42	120	40.00	1 gr.	L	Baker
50	119	42.00	1 gr.	L	Bakery
52	120	.70	10	L	Balcony
53	120	.50	10	L	Bald
54	120	.30	100	L	Baldhead
55	120	.40	100	L	Baldness
56	120	.50	100	L	Baldpate
57	120	.40	100	L	Baldric
59	120	.40	100	L	Baldwin
60	35	1.35	10	A	Balky
62	35	.55	10	A	Ball
64	35	.20	10	A	Ballad
65	29	.35	10	A	Balloon
72	36	.25	10	A	Balm
74	36	.30	10	A	Balmoral
75	56	.40	10	E	Balmy
76	56	.40	10	E	Balsam
77	56	.60	10	E	Baluster
83	36	.85	10	A	Bamberg
84	36	1.20	10	A	Bamboo
85	36	1.50	10	A	Bamoth
86	36	1.80	10	A	Banana
88	36	2.10	10	A	Bandage
89	36	2.50	5	A	Bandbox
91	36	2.80	5	A	Bandit
95	56	.65	10	E	Bandog
96	56	.90	10	E	Baneful
97	58	2.15		E	Banian
97A-1/2	58	2.20		E	Banish
97A-3/4	58	2.20		E	Banister
97C-1/2	58	2.25		E	Banjo
97C-3/4	58	2.25		E	Banner
97C-1	58	2.35		E	Bannock
97L-1/2	58	2.25		E	Banquet
97L-3/4	58	2.25		E	Bantam
97L-1	58	2.35		E	Baptist
97T-1/2	58	2.30		E	Barbara
97T-3/4	58	2.30		E	Barbarism
97T-1	58	2.45		E	Barbarity
97V-1/2	58	2.20		E	Barbecue
97V-3/4	58	2.20		E	Barber
97V-1	58	2.25		E	Bard
97X-1/2	58	2.35		E	Bardell
97X-3/4	58	2.35		E	Bardish
97X-1	58	2.55		E	Bardism
98	58	.90		E	Barking
98A-1/2	58	.95		E	Barkis
98A-3/4	58	.95		E	Barkless
98C-1/2	58	$1.00		E	Barkpit
98C-3/4	58	1.00		E	Barmaid
98C-1	58	1.10		E	Barn
98L-1/2	58	1.00		E	Barnabas
98L-3/4	58	1.00		E	Barnaby
98L-1	58	1.10		E	Barnacle
98T-1/2	58	1.05		E	Baroness
98T-3/4	58	1.05		E	Barony
98T-1	58	1.20		E	Barosma
98V-1/2	58	.95		E	Barouche
98V-3/4	58	.95		E	Barrack
98V-1	58	1.00		E	Barrister
98X-1/2	58	1.10		E	Barrow
98X-3/4	58	1.10		E	Barry
98X-1	58	1.30		E	Barton
105	106	3.50	12	J	Bartram
105CF	106	.50	12	J	Barytone
105ECL	106	2.00	12	J	Basalt
105FCL	106	2.00	12	J	Baseless
105EPL	106	2.00	12	J	Basely
105FPL	106	2.00	12	J	Basement
105PF	106	.85	12	J	Bashaw
110	103	3.50	12	J	Bashful
110CF	103	.50	12	J	Basil
110ECL	103	2.00	12	J	Basilisk
110FCL	103	2.00	12	J	Bask
110EPL	103	2.00	12	J	Basket
110FPL	103	2.00	12	J	Bass
110PF	103	.85	12	J	Bassett
115	109	4.00	12	J	Bassinet
120	109	4.00	12	J	Bassoon
120CF	109	.70	12	J	Bastile
125	111	4.50	8	J	Bastinado
125CF	111	.60	8	J	Basting
125ECL	111	2.25	8	J	Batavian
125FCL	111	2.25	8	J	Bateful
125EPL	111	2.25	8	J	Bateless
125FPL	111	2.25	8	J	Bath
125PF	111	.90	8	J	Bather
130	104	4.00	12	J	Bathetic
130CF	104	.60	12	J	Bathos
130ECL	104	2.25	12	J	Bating
130FCL	104	2.25	12	J	Batiste
130EPL	104	2.25	12	J	Batlet
130FPL	104	2.25	12	J	Batman
130PF	104	.90	12	J	Batmony
135	107	4.00	12	J	Batshell
135CF	107	.60	12	J	Battable
135ECL	107	2.25	12	J	Battalion
135FCL	107	2.25	12	J	Batteller
135EPL	107	2.25	12	J	Battledoor
135FPL	107	2.25	12	J	Battlement
135PF	107	.90	12	J	Battling
150	110	4.50	8	J	Battology
150CF	110	.60	8	J	Battue
150ECL	110	2.25	8	J	Battuta
150FCL	110	2.25	8	J	Batz
150EPL	110	2.25	8	J	Baubee
150FPL	110	2.25	8	J	Baudekin
150PF	110	.90	8	J	Bauge
160	101	3.50	12	J	Bauhinia
160CF	101	.50	12	J	Bauk
160ECL	101	2.00	12	J	Baulite
160FCL	101	2.00	12	J	Bavaroy
160EPL	101	2.00	12	J	Bavin
160FPL	101	2.00	12	J	Bawbling
160PF	101	.85	12	J	Bawcock
180	102	4.00	12	J	Bawdrick
180CF	102	.60	12	J	Bawdry
180ECL	102	2.25	12	J	Bawn
180FCL	102	2.25	12	J	Bawrel

Cat. No.	Page	List Price	Std. Pkge.	Schedule	Code Word
180EPL	102	$2.25	12	J	Bawsin
180FPL	102	2.25	12	J	Baxter
180PF	102	.90	12	J	Ba··adere
200	114	9.50	8	J	Bayardly
210	30	.80	10	A	Bayberry
210B	30	1.00	10	A	Baylaurel
210P	30	1.00	10	A	Bayman
210S	30	1.00	10	A	Bayne
212	30	.95	10	A	Bayonet
212B	30	1.15	10	A	Bayou
212P	30	1.15	10	A	Baysalt
212S	30	1.15	10	A	Baytree
214	30	1.20	10	A	Baywindow
214B	30	1.40	10	A	Bayyarn
214P	30	1.40	10	A	Bazat
214S	30	1.40	10	A	Beach
216	30	1.50	10	A	Beached
216B	30	1.70	10	A	Beaching
216P	30	1.70	10	A	Beachy
216S	30	1.70	10	A	Beacon
250	113	9.50	8	J	Beaconage
260	31	1.45	10	A	Beaconing
260B	31	1.65	10	A	Beaconless
260P	31	1.65	10	A	Beadlery
260S	31	1.65	10	A	Beadman
262	31	1.70	10	A	Beadproof
262B	31	1.90	10	A	Beadroll
262P	31	1.90	10	A	Beads
262S	31	1.90	10	A	Beadsman
264	31	1.90	10	A	Beadsnake
264B	31	2.10	10	A	Beadtool
264P	31	2.10	10	A	Beadtree
264S	31	2.10	10	A	Beagle
266	31	2.50	10	A	Beakiron
266B	31	2.70	10	A	Beaks
266P	31	2.70	10	A	Beals
266S	31	2.70	10	A	Beam
297	57	2.40		E	Beambird
297A-½	57	2.45		E	Beamed
297A-¾	57	2.45		E	Beamful
297C-½	57	2.50		E	Beaming
297C-¾	57	2.50		E	Beamless
297C-1	57	2.60		E	Beamy
297L-½	57	2.50		E	Beamcaper
297L-¾	57	2.50		E	Beamcod
297L-1	57	2.60		E	Beamfed
297T-½	57	2.55		E	Beamfly
297T-¾	57	2.55		E	Bearable
297T-1	57	2.70		E	Bearberry
297V-½	57	2.45		E	Bearbind
297V-¾	57	2.45		E	Bearded
297V-1	57	2.50		E	Bearfly
297X-½	57	2.60		E	Bearheard
297X-¾	57	2.60		E	Bearing
297X-1	57	2.80		E	Bearish
298	57	1.00		E	Bearlike
298A-½	57	1.05		E	Bearsear
298A-¾	57	1.05		E	Bearskin
298C-½	57	1.10		E	Bearward
298C-¾	57	1.10		E	Beastings
298C-1	57	1.20		E	Beastler
298L-½	57	1.10		E	Beat
298L-¾	57	1.10		E	Beaten
298L-1	57	1.20		E	Beatific
298T-½	57	1.15		E	Beatitude
298T-¾	57	1.15		E	Beaufin
298T-1	57	1.30		E	Beaupeer
298V-½	57	1.05		E	Beauship
298V-¾	57	1.05		E	Beautiful
298V-1	57	1.10		E	Beautify
298X-½	57	1.20		E	Beaverrat
298X-¾	57	$1.20		E	Became
298X-1	57	1.40		E	Becard
300	117	5.00	8	L	Bechance
312	32	1.90	10	A	Bechic
312B	32	2.10	10	A	Becket
312P	32	2.10	10	A	Beclip
312S	32	2.10	10	A	Becoming
314	32	2.20	10	A	Becurl
314B	32	2.40	10	A	Bedaff
314P	32	2.40	10	A	Bedale
314S	32	2.40	10	A	Bedared
316	32	2.60	5	A	Bedazzle
316B	32	2.80	5	A	Bedelry
316P	32	2.80	5	A	Bedight
316S	32	2.80	5	A	Bedim
350	115	11.75	1	J	Bedizen
363	72	.40	5	P	Bedlamite
364	72	.50	5	P	Bedlinen
365	72	.60	5	P	Bedmate
366	72	.70	5	P	Bedouins
368	72	.80	5	P	Bedplate
369	72	.90	5	P	Bedpost
373	72	.70	5	P	Bedquilt
374	72	.90	5	P	Bedrench
375	72	1.00	5	P	Bedrid
376	72	1.20	5	P	Bedrop
378	72	1.50	5	P	Bedside
379	72	1.80	5	P	Bengalese
376HR	72	6.00	5	P	Bengoon
378HR	72	8.00	5	P	Bengross
379HR	72	12.00	5	P	Benheur
383	72	2.00	5	P	Benignly
384	72	2.40	5	P	Benjamin
385	72	2.70	5	P	Benkit
386	72	3.10	5	P	Benumb
388	72	3.60	5	P	Benzoic
389	72	4.10	5	P	Benzoyl
400	116	3.60	8	L	Berlash
412	22	3.20	10	A	Berlev
412PS	22	4.00	10	A	Berlin
414	22	3.50	10	A	Bertram
414PS	22	4.30	10	A	Beryl
416	22	4.10	10	A	Besiege
416PS	22	4.90	10	A	Bestial
418	22	5.30	10	A	Betake
500	115	13.75	1	J	Betony
505	108	9.25	4	J	Betrothal
505CF	108	1.00	4	J	Betuline
510	105	9.25	4	J	Betwixt
510CF	105	1.00	4	J	Beverage
510ECL	105	3.45	4	J	Bewail
510FCL	105	3.45	4	J	Bewilder
510EPL	105	3.45	4	J	Beylick
510FPL	105	3.45	4	J	Beyond
510PF	105	1.50	4	J	Bezoar
512	23	3.20	10	A	Biaxal
512PS	23	4.00	10	A	Bibacious
514	23	3.50	10	A	Biblus
514PS	23	4.30	10	A	Biceps
516	23	4.10	10	A	Bickern
516PS	23	4.90	10	A	Bicolor
518	23	5.30	10	A	Bicuspid
522	23	7.20	10	A	Bidden
550	112	8.75	4	J	Biform
550CF	112	1.00	4	J	Bifurcate
550ECL	112	3.45	4	J	Bigamy
550FCL	112	3.45	4	J	Bigaroon
550EPL	112	3.45	4	J	Bigness
550FPL	112	3.45	4	J	Bigotry
550PF	112	1.50	4	J	Bijou
600	24	2.20	10	A	Bijugate

Cat. No.	Page	List Price	Std. Pkge.	Schedule	Code Word
605	25	$2.20	10	A	Bilander
610	24	2.50	10	A	Bilberry
615	25	2.50	10	A	Bilge
620	24	4.50	5	A	Bilimbi
650	24	7.60	5	A	Bilingual
700	33	1.15	10	A	Bilious
700B	33	1.35	10	A	Bilk
700P	33	1.35	10	A	Billfish
700S	33	1.35	10	A	Billiards
705	33	1.45	10	A	Billman
705B	33	1.65	10	A	Billow
705P	33	1.65	10	A	Bilobed
705S	33	1.65	10	A	Bime
715	33	1.95	10	A	Bimedial
715B	33	2.15	10	A	Bimensal
715P	33	2.15	10	A	Binary
715S	33	2.15	10	A	Binate
800	26	2.50	10	A	Binding
805	27	2.50	10	A	Bindwood
810	26	3.60	10	A	Binnacle
815	27	3.60	10	A	Binomial
820	26	6.15	5	A	Binous
850	26	9.25	5	A	Binoxide
900	28	2.90	10	A	Biology
900PS	28	3.70	10	A	Biotine
905	28	3.10	10	A	Bipedal
905PS	28	3.90	10	A	Bipinnate
910	28	3.50	10	A	Biplicate
910PS	28	4.30	10	A	Bipolar
920	28	5.20	5	A	Bipont
950	28	6.40	5	A	Birchen
1000	34	1.50	10	A	Birdman
1000B	34	1.70	10	A	Bireme
1000P	34	1.70	10	A	Birlaw
1000S	34	1.70	10	A	Birman
1005	34	1.60	10	A	Birthday
1005B	34	1.80	10	A	Bisect
1005P	34	1.80	10	A	Biserial
1005S	34	1.80	10	A	Bisetose
1010	34	2.00	10	A	Bishop
1010B	34	2.20	10	A	Bismuthal
1010P	34	2.20	10	A	Bisogno
1010S	34	2.20	10	A	Bissac
1200	89	5.85	1	H	Bisstoury
1204	89	6.75	1	H	Bistre
1205	89	6.75	1	H	Bisulcous
1206	89	6.75	1	H	Biter
1207	89	6.75	1	H	Bitingly
1408A	118	1.20	10	L	Bittern
1408CF	118	1.30	10	L	Bitterness
1408S	118	1.20	10	L	Bitumen
1410A	118	1.40	10	L	Bitune
1410CF	118	1.50	10	L	Bivalved
1410S	118	1.40	10	L	Biventral
1500	89	9.50	1	H	Bivouac
1504	89	11.25	1	H	Bixa
1505	89	11.25	1	H	Bixwort
1506	89	11.25	1	H	Bizantine
1507	89	11.25	1	H	Bizard
1510	45	2.30	4	B	Blab
1510B	45	2.80	4	B	Blackbird
1512	45	3.60	4	B	Blacking
1512B	45	4.35	4	B	Blackly
1516	45	7.25	4	B	Blacktail
1516B	45	9.00	4	B	Bladed
1518	45	9.00	4	B	Blain
1518B	45	9.50	4	B	Blamably
1518C	45	9.00	4	B	Blameless
1518CB	45	9.50	4	B	Blandish
1520	45	12.50	4	B	Blanket
1520B	45	13.25	4	B	Blankly
1520C	45	$12.50	4	B	Blare
1520CB	45	13.25	4	B	Blarney
1808	88	3.20	1	H	Blasting
1810	88	3.60	1	H	Blatant
1814	88	7.20	1	H	Blatter
1818	88	15.00	1	H	Blauwbok
2230	89	1.50	1	H	Blaze
2234	89	2.50	1	H	Blazing
2235	89	2.50	1	H	Blazonry
2236	89	2.50	1	H	Bleaching
2237	89	2.50	1	H	Bleakness
2412OH	46	3.20	10	D	Bleed
2412PH	46	3.20	10	D	Blemish
2414OH	46	3.50	10	D	Blending
2414PH	46	3.50	10	D	Blenny
2416OH	46	4.10	10	D	Bless
2416PH	46	4.10	10	D	Bletting
2418OH	46	5.30	5	D	Bleyme
2418PH	46	5.30	5	D	Blighted
2500	90	16.75	1	H	Blindage
2504	90	20.25	1	H	Blindfold
2505	90	20.25	1	H	Blindly
2506	90	20.25	1	H	Blinking
2507	90	20.23	1	H	Blissful
2512OH	47	3.30	10	D	Blistering
2512PH	47	3.30	10	D	Blithely
2514OH	47	3.50	10	D	Bloater
2514PH	47	3.50	10	D	Block
2516OH	47	4.10	5	D	Blockade
2516PH	47	4.10	5	D	Blocking
2518OH	47	5.30	5	D	Blockish
2518PH	47	5.30	5	D	Blomary
2522OH	47	7.20	5	D	Blondlace
2522PH	47	7.20	5	D	Bloody
2600OH	48	2.90	10	D	Blossomy
2600PH	48	2.90	10	D	Blotting
2610OH	48	3.45	10	D	Blowfly
2610PH	48	3.45	10	D	Blowzy
2620OH	48	4.95	5	D	Blubber
2620PH	48	4.95	5	D	Bludgeon
2650OH	48	7.60	5	D	Bluebell
2650PH	48	7.60	5	D	Blueness
2750	86	29.00	1	H	Bluepeter
2850	87	25.00	1	H	Bluestone
2905OH	49	3.10	10	D	Bluffness
2905PH	49	3.10	10	D	Bluffy
2910OH	49	3.50	10	D	Bluish
2910PH	49	3.50	10	D	Blundering
2920OH	49	5.20	5	D	Blunker
2920PH	49	5.20	5	D	Bluntly
2950OH	49	6.40	5	D	Blurt
2950PH	49	6.40	5	D	Blushy
3300	81	12.75	1	F	Bluster
3412	29	3.65	1	A	Boa
3414	29	3.85	1	A	Boarder
3416	29	4.40	1	A	Boast
3512	29	3.65	1	A	Boastful
3514	29	3.85	1	A	Boaston
3516	29	4.40	1	A	Boatable
3530	90	4.50	1	H	Boating
3534	90	8.00	1	H	Boatlike
3535	90	8.00	1	H	Boatman
3536	90	8.00	1	H	Boatswain
3537	90	8.00	1	H	Bobbery
3605	29	2.85	1	A	Bobbinet
3615	29	3.15	1	A	Bobcherry
3750	81	17.00	1	F	Bobolink
4300	82	14.50	1	F	Bobstay
4530	89	3.15	1	H	Bobtail
4534	89	4.95	1	H	Bocal
4535	89	4.95	1	H	Bocardo

Cat. No.	Page	List Price	Std. Pkge.	Schedule	Code Word
4536	89	$4.95	1	H	Bocasine
4537	89	4.95	1	H	Bocca
4700	82	19.00	1	F	Bockelet
5250	122	8.25	4	M	Bocking
5250B	122	8.25	4	M	Bockland
5250H	122	8.25	4	M	Bodeful
5250S	122	16.00	1	M	Bodement
5300	83	20.00	1	F	Bodiless
5500	121	30.00	1	M	Boding
5500C	121	43.00	1	M	Bodkin
5500H	121	30.00	1	M	Bodleian
5500S	121	39.00	1	M	Body
5750	83	26.00	1	F	Boeotian
6100	54	2.70	10	E	Bogbean
6145	55	.10	20	E	Bogberry
6150	55	.70	10	E	Bogland
6151	55	1.25	10	E	Bogore
6152	55	1.70	10	E	Bogus
6153	55	1.70	10	E	Bohemian
6154	55	1.70	10	E	Boiled
6155	55	1.70	10	E	Boilery
6156	55	1.10	10	E	Boilingly
6165	55	.15	20	E	Boldface
6190	55	.30	10	E	Boldly
6200	54	3.15	5	E	Boldness
6245	55	.10	20	E	Bolero
6250	55	.80	10	E	Boletus
6251	55	2.00	10	E	Bollard
6252	55	2.35	10	E	Bollimomy
6253	55	2.35	10	E	Bollworm
6254	55	2.35	10	E	Bolognian
6255	55	2.35	10	E	Bolstering
6256	55	1.70	10	E	Bolthead
6300	83	22.00	1	F	Bolting
6350	55	1.80	10	E	Boltonite
6412	50	4.95	1	E	Bolus
6414	50	5.90	1	E	Bomb
6416	50	6.40	1	E	Bombardo
6450	55	2.25	10	E	Bombast
6512	51	5.45	1	E	Bombastic
6514	51	6.40	1	E	Bombazine
6516	51	6.90	1	E	Bombiate
6612	52	5.45	1	E	Bombyx
6616	52	6.65	1	E	Bonafide
6750	83	28.00	1	F	Bonbon
7031	91	5.00	1	H	Bondman
7033	91	5.00	1	H	Boneset
7037	91	7.50	1	H	Bonetta
7039	91	7.50	1	H	Bonfire
7100	54	4.50	10	E	Boning
7200	54	3.25	5	E	Bonito
7412	50	6.75	1	E	Bonnet
7414	50	8.15	1	E	Bonniviss
7416	50	8.65	1	E	Bonus
7500	91	22.00	1	H	Bony
7500S	91	22.00	1	H	Boobvish
7512	51	7.25	1	E	Bookcase
7514	51	8.65	1	E	Bookery
7516	51	9.15	1	E	Bookful
7612	52	7.25	1	E	Bookish
7616	52	8.90	1	E	Booklet
7750	91	32.00	1	H	Bookman
7750S	91	32.00	1	H	Booksale
8100	54	2.80	10	E	Bookworm
8200	54	3.25	5	E	Booly
8412	50	6.85	1	E	Boomerang
8414	50	8.25	1	E	Boone
8416	50	8.75	1	E	Boorish
8512	51	7.35	1	E	Boost
8514	51	8.75	1	E	Bootcrimp
8516	51	9.25	1	E	Bootkin
8612	52	$7.35	1	E	Bootless
8616	52	9.00	1	E	Booty
9100	54	4.60	10	E	Bopeep
9200	54	5.50	5	E	Borable
9412	50	5.05	1	E	Borachio
9414	50	6.00	1	E	Boracic
9416	50	6.50	1	E	Boracous
9512	51	5.55	1	E	Boramez
9514	51	6.50	1	E	Borax
9516	51	7.00	1	E	Bordage
9612	52	5.55	1	E	Bordeler
9616	52	6.75	1	E	Border
10412	53	2.25	10	E	Bordering
10414	53	2.75	10	E	Bordlode
10416	53	3.25	10	E	Bordman
10512	53	2.75	10	E	Bordure
10514	53	3.25	10	E	Boreas
10516	53	3.75	10	E	Borecole
10612	53	2.75	10	E	Boring
10616	53	3.50	10	E	Bornite
16200	125	11.55	1	N	Boron
16500	125	15.75	1	N	Borough
16750	125	23.25	1	N	Borrelist
17200	125	13.35	1	N	Borsella
17500	125	17.40	1	N	Borsholder
17750	125	24.75	1	N	Boshbok
18300	71	9.50	4	A	Bosky
18400	70	13.50	4	A	Bossage
18750	71	13.50	4	A	Bosset
18850	70	16.50	4	A	Bossy
19200	85	11.00	1	O	Bosvel
19500	85	11.50	1	O	Boswellian
19700	85	13.00	1	O	Botanical
19750	85	18.00	1	O	Botanist
21518	39	9.30	4	B	Botany
21518B	39	9.80	4	B	Botargo
21520	39	12.90	4	B	Botchy
21520B	39	13.65	4	B	Boteroll
21524	39	18.90	2	B	Bother
21524B	39	20.65	2	B	Bothnian
22518	39	9.30	4	B	Botline
22518B	39	9.80	4	B	Botrychium
22520	39	12.90	4	B	Botryoid
22520B	39	13.65	4	B	Botryolite
22524	39	18.90	2	B	Bottle
22524B	39	20.65	2	B	Bottleale
23518	39	9.30	4	B	Battlebump
23518B	39	9.80	4	B	Bottlefish
23520	39	12.90	4	B	Bottling
23520B	39	13.65	4	B	Bottomed
23524	39	18.90	2	B	Bottomland
23524B	39	20.65	2	B	Bottomless
24412	40	3.50	10	C	Bottomry
24414	40	3.80	10	C	Bouchet
24416	40	4.40	5	C	Boudoir
24418	40	5.70	5	C	Bough
24512	41	3.50	10	C	Boughten
24514	41	3.80	10	C	Bouncie
24516	41	4.40	5	C	Bouillon
24518	41	5.70	5	C	Boulea
24522	41	7.60	5	C	Boulevard
24600	42	3.00	10	C	Boulten
24610	42	3.75	10	C	Bouncing
24620	42	5.35	5	C	Bouncingly
24650	42	8.00	5	C	Bound
24800	43	3.15	10	C	Boundary
24810	43	4.25	10	C	Bounder
24820	43	6.55	5	C	Boundless
24850	43	9.65	5	C	Bounteous
24900	44	3.20	10	C	Bountiful
24905	44	3.40	10	C	Bounty

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24910	44	$3.80	10	C	Bouquet
24920	44	5.60	5	C	Bourgeois
24950	44	6.80	5	C	Bourn
25412	40	3.50	10	C	Bournless
25414	40	3.80	10	C	Bournonite
25416	40	4.40	5	C	Bourse
25418	40	5.70	5	C	Boutade
25512	41	3.50	10	C	Boutsrimes
25514	41	3.80	10	C	Bovate
25516	41	4.40	5	C	Boveycoal
25518	41	5.70	5	C	Bovine
25522	41	7.60	5	C	Bowbearer
25600	42	3.00	10	C	Bowbell
25610	42	3.75	10	C	Bowbent
25620	42	5.35	5	C	Bowboy
25650	42	8.00	5	C	Bowcompas
25800	43	3.15	10	C	Bowdrill
25810	43	4.25	10	C	Bowelless
25820	43	6.55	5	C	Bowels
25850	43	9.65	5	C	Boweric
25900	44	3.20	10	C	Bowge
25905	44	3.40	10	C	Bowgrace
25910	44	3.80	10	C	Bowhand
25920	44	5.65	5	C	Bowieknife
25950	44	6.80	5	C	Bowingly
26412	40	3.50	10	C	Bowknot
26414	40	3.80	10	C	Bowl
26416	40	4.40	5	C	Bowlay
26418	40	5.70	5	C	Bowlder
26512	41	3.50	10	C	Bowlegged
26514	41	3.80	10	C	Bowless
26516	41	4.40	5	C	Bowling
26518	41	5.70	5	C	Bowman
26522	41	7.60	5	C	Bowoar
26605	42	3.00	10	C	Bownet
26615	42	3.75	10	C	Bowpen
26620	42	5.35	5	C	Bowpiece
26650	42	8.00	5	C	Bowsaw
26805	43	3.15	10	C	Bowshot
26815	43	4.25	10	C	Bowsprit
26820	43	6.55	5	C	Bowstring
26850	43	9.65	5	C	Bowwindow
26900	44	3.20	10	C	Bowwow
26905	44	3.40	10	C	Boxtree
26910	44	3.80	10	C	Boxwood
26920	44	5.60	5	C	Boyblind
26950	44	6.80	5	C	Boyhood
90518	62	$9.40	4	P	Boyishly
90520	61	12.50	4	B	Boyishness
90522	62	8.70	4	P	Boyism
90524	61	18.50	2	B	Boyn
90620	64	8.05	5	P	Boyship
90650	64	7.60	2	P	Boysplay
90850	65	9.25	2	P	Brabantine
90920	63	9.30	5	P	Brabbling
90950	63	8.70	4	P	Braccate
91520	61	12.80	4	B	Bracelet
91524	61	18.90	2	B	Bracer
92520	61	12.80	4	B	Brachiate
92524	61	18.90	2	B	Brachylogy
93520	61	12.80	4	B	Bracing
93524	61	18.90	2	B	Bracken
94518	62	9.70	4	P	Bracketing
94522	62	9.10	4	P	Brackish
94620	64	8.35	5	P	Bracteal
94650	64	8.00	2	P	Bradypod
94850	65	9.65	2	P	Braff
94920	63	9.60	5	P	Braggart
94950	63	9.10	4	P	Bragging
95518	62	9.70	4	P	Brahmin
95522	62	9.10	4	P	Brailup
95620	64	8.35	5	P	Brained
95650	64	8.00	2	P	Brainish
95850	65	9.65	2	P	Brainist
95920	63	9.60	5	P	Brainless
95950	63	9.10	4	P	Brainsick
96518	62	9.70	4	P	Braird
96522	62	9.10	4	P	Brait
96620	64	8.35	5	P	Brakeman
96650	64	8.00	2	P	Braking
96850	65	9.65	2	P	Brakless
96920	63	9.60	5	P	Braky
96950	63	9.10	4	P	Brambly
97516	69	9.85	5	R	Braminical
97518	67	12.50	2	P	Brancard
97520	66	16.50	2	B	Branch
97522	67	14.70	1	P	Branchery
97524	66	24.90	1	B	Branching
97616	69	9.55	5	R	Branchlet
98516	69	10.00	5	R	Brander
98616	69	9.70	5	R	Brandgoose
99650	68	14.25	1	P	Branding
99950	68	13.50	1	P	Brandiron

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PRINTED IN U.S.A. BY THE MASTERMEN PRINTING CO., INC., NEW YORK N.Y.

CONTRACTOR-DEALER DISCOUNT SHEET ON SILV-A-KING REFLECTORS

EFFECTIVE DECEMBER 1, 1937 AS LISTED IN CATALOG No. 38

Supersedes All Prices and Discounts Previously Listed

MAR 3 1938

DISCOUNT SCHEDULE	QUANTITIES	Contractor, Dealer	CONSUMER
A, C, D Reflectors High Bay Units	Less than standard package 1 standard package or more 5 " " " 50 " " "	20% 30% 35% 39%	List 10% 20%
B, P, R Glassteel Diffusers Mercury Vapor Units	Less than standard package 1 standard package or more 5 " " "	20% 30% 35%	List 10% 20%
E Vapor Proof Units and Accessories	Less than standard package 1 standard package or more	15% 25%	List 10%
F Porcelain Enameled Floodlights	ANY QUANTITY	40%	25%
H Floodlights	ANY QUANTITY	40%	25%
J Show Window Reflectors and Floodlights	Less than standard package 1 standard package or more	33% 38%	15% 25%
L Aluminum Reflectors, Floodlights and Assorted Shades	Less than standard package 1 standard package or more	35% 40%	10% 20%
M Spotlights	Less than standard package 1 standard package or more	20% 25%	10% 15%
N Indirect Luminaires	1 or more Material in this class f.o.b. New York, no freight allowed	50%	35%
O Island Lights	1 or more	40%	25%

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